



6 GHz WLAN - 20 MHz - MIMO Core 1 – SDM - SP

Channel	Centre Frequency (MHz)	11ax HE20 RU52 (2Tx, MIMO)	11ax HE20 RU26 (2Tx, MIMO)	11ax HE20 (2Tx, TxBF) Low Rate
2	5935	NS	NS	NS
1	5955	11.50	9.90	11.50
5	5975	11.50	9.90	11.50
9-29	5995-6095	11.50	9.80	11.50
33-61	6115-6255	10.75	10.30	10.75
65-85	6275-6375	10.00	10.00	10.00
89	6395	10.00	10.00	10.00
93	6415	10.00	10.00	10.00
97-113	6435-6515	NS	NS	NS
117-181	6535-6855	10.00	10.00	10.00
185	6875	NS	NS	NS
189-225	6895-7075	NS	NS	NS
229	7095	NS	NS	NS
233	7115	NS	NS	NS

Table 253

6 GHz WLAN - 40 MHz - SISO Core 0 - SP

Channel	Centre Frequency (MHz)	11a 40 (SISO,C0) Low Rate	11ax HE40 (SISO,C0) Low Rate	11be EHT40 RU106_26 (SISO,C0)	11ax HE40 RU106 (SISO,C0)
3	5965	10.75	10.75	10.75	10.75
11	6005	10.75	10.75	10.75	10.75
19-27	6045-6085	10.75	10.75	10.75	10.75
35-59	6125-6245	12.50	12.50	12.50	12.50
67-75	6285-6325	12.50	12.50	12.50	12.50
83	6365	12.50	12.50	12.50	12.50
91	6405	12.50	12.50	12.50	12.50
99-107	6445-6485	NS	NS	NS	NS
115	6525	NS	NS	NS	NS
123-179	6565-6845	10.25	10.25	10.25	10.25
187	6885	NS	NS	NS	NS
195-219	6925-7045	NS	NS	NS	NS
227	7085	NS	NS	NS	NS

Table 254



6 GHz WLAN - 40 MHz - SISO Core 0 - SP

Channel	Centre Frequency (MHz)	11be EHT40 RU52_26 (SISO,C0)	11ax HE40 RU52 (SISO,C0)	11ax HE40 RU26 (SISO,C0)
3	5965	10.75	10.75	9.00
11	6005	10.75	10.75	9.00
19-27	6045-6085	10.75	10.75	9.00
35-59	6125-6245	12.50	12.00	9.00
67-75	6285-6325	12.50	12.00	9.00
83	6365	12.50	12.00	9.00
91	6405	12.50	12.00	9.00
99-107	6445-6485	NS	NS	NS
115	6525	NS	NS	NS
123-179	6565-6845	10.25	10.25	9.00
187	6885	NS	NS	NS
195-219	6925-7045	NS	NS	NS
227	7085	NS	NS	NS

Table 255

6 GHz WLAN - 40MHz - MIMO Core 0 - CDD - SP

Channel	Centre Frequency (MHz)	11a 40 (2Tx, CDD) Low Rate	11ax HE40 (2Tx, CDD) Low Rate	11be EHT40 RU106_26 (2Tx, CDD)	11ax HE40 RU106 (2Tx, CDD)
3	5965	10.75	10.75	10.75	10.75
11	6005	10.75	10.75	10.75	10.75
19-27	6045-6085	10.75	10.75	10.75	10.75
35-59	6125-6245	12.50	12.50	12.50	12.50
67-75	6285-6325	12.50	12.50	12.50	12.50
83	6365	12.50	12.50	12.50	12.50
91	6405	12.50	12.50	12.50	12.50
99-107	6445-6485	NS	NS	NS	NS
115	6525	NS	NS	NS	NS
123-179	6565-6845	10.25	10.25	10.25	10.25
187	6885	NS	NS	NS	NS
195-219	6925-7045	NS	NS	NS	NS
227	7085	NS	NS	NS	NS

Table 256



6 GHz WLAN - 40MHz - MIMO Core 0 - CDD - SP

Channel	Centre Frequency (MHz)	11be EHT40 RU52_26 (2Tx, CDD)	11ax HE40 RU52 (2Tx, CDD)	11ax HE40 RU26 (2Tx, CDD)
3	5965	10.75	9.70	7.00
11	6005	10.75	9.70	6.90
19-27	6045-6085	10.75	9.70	6.90
35-59	6125-6245	12.20	10.20	7.50
67-75	6285-6325	12.10	10.50	7.80
83	6365	12.20	10.40	7.70
91	6405	12.10	10.40	7.60
99-107	6445-6485	NS	NS	NS
115	6525	NS	NS	NS
123-179	6565-6845	10.25	9.80	7.10
187	6885	NS	NS	NS
195-219	6925-7045	NS	NS	NS
227	7085	NS	NS	NS

Table 257

6 GHz WLAN - 40 MHz - MIMO Core 0 - SDM - SP

Channel	Centre Frequency (MHz)	11ax HE40 (2Tx, MIMO) Low Rate	11be EHT40 RU106_26 (2Tx, MIMO)	11ax HE40 RU106 (2Tx, MIMO)	11be EHT40 RU52_26 (2Tx, MIMO)
3	5965	10.75	10.75	10.75	10.75
11	6005	10.75	10.75	10.75	10.75
19-27	6045-6085	10.75	10.75	10.75	10.75
35-59	6125-6245	12.50	12.50	12.50	12.50
67-75	6285-6325	12.50	12.50	12.50	12.50
83	6365	12.50	12.50	12.50	12.50
91	6405	12.50	12.50	12.50	12.50
99-107	6445-6485	NS	NS	NS	NS
115	6525	NS	NS	NS	NS
123-179	6565-6845	10.25	10.25	10.25	10.25
187	6885	NS	NS	NS	NS
195-219	6925-7045	NS	NS	NS	NS
227	7085	NS	NS	NS	NS

Table 258



6 GHz WLAN - 40 MHz - MIMO Core 0 - SDM - SP

Channel	Centre Frequency (MHz)	11ax HE40 RU52 (2Tx, MIMO)	11ax HE40 RU26 (2Tx, MIMO)	11ax HE40 (2Tx, TxBF) Low Rate
3	5965	10.75	9.00	10.75
11	6005	10.75	9.00	10.75
19-27	6045-6085	10.75	9.00	10.75
35-59	6125-6245	12.00	9.00	12.50
67-75	6285-6325	12.00	9.00	12.50
83	6365	12.00	9.00	12.50
91	6405	12.00	9.00	12.50
99-107	6445-6485	NS	NS	NS
115	6525	NS	NS	NS
123-179	6565-6845	10.25	9.00	10.25
187	6885	NS	NS	NS
195-219	6925-7045	NS	NS	NS
227	7085	NS	NS	NS

Table 259

6 GHz WLAN - 40 MHz - SISO Core 1 - SP

Channel	Centre Frequency (MHz)	11a 40 (SISO,C1) Low Rate	11ax HE40 (SISO,C1) Low Rate	11be EHT40 RU106_26 (SISO,C1)	11ax HE40 RU106 (SISO,C1)
3	5965	11.50	11.50	11.50	11.50
11	6005	11.50	11.50	11.50	11.50
19-27	6045-6085	11.50	11.50	11.50	11.50
35-59	6125-6245	10.75	10.75	10.75	10.75
67-75	6285-6325	10.00	10.00	10.00	10.00
83	6365	10.00	10.00	10.00	10.00
91	6405	10.00	10.00	10.00	10.00
99-107	6445-6485	NS	NS	NS	NS
115	6525	NS	NS	NS	NS
123-179	6565-6845	10.00	10.00	10.00	10.00
187	6885	NS	NS	NS	NS
195-219	6925-7045	NS	NS	NS	NS
227	7085	NS	NS	NS	NS

Table 260



6 GHz WLAN - 40 MHz - SISO Core 1 - SP

Channel	Centre Frequency (MHz)	11be EHT40 RU52_26 (SISO,C1)	11ax HE40 RU52 (SISO,C1)	11ax HE40 RU26 (SISO,C1)
3	5965	11.50	11.50	9.00
11	6005	11.50	11.50	9.00
19-27	6045-6085	11.50	11.50	9.00
35-59	6125-6245	10.75	10.75	9.00
67-75	6285-6325	10.00	10.00	9.00
83	6365	10.00	10.00	9.00
91	6405	10.00	10.00	9.00
99-107	6445-6485	NS	NS	NS
115	6525	NS	NS	NS
123-179	6565-6845	10.00	10.00	9.00
187	6885	NS	NS	NS
195-219	6925-7045	NS	NS	NS
227	7085	NS	NS	NS

Table 261

6 GHz WLAN - 40 MHz - MIMO Core 1 - CDD - SP

Channel	Centre Frequency (MHz)	11a 40 (2Tx, CDD) Low Rate	11ax HE40 (2Tx, CDD) Low Rate	11be EHT40 RU106_26 (2Tx, CDD)	11ax HE40 RU106 (2Tx, CDD)
3	5965	11.50	11.50	11.50	11.50
11	6005	11.50	11.50	11.50	11.50
19-27	6045-6085	11.50	11.50	11.50	11.50
35-59	6125-6245	10.75	10.75	10.75	10.75
67-75	6285-6325	10.00	10.00	10.00	10.00
83	6365	10.00	10.00	10.00	10.00
91	6405	10.00	10.00	10.00	10.00
99-107	6445-6485	NS	NS	NS	NS
115	6525	NS	NS	NS	NS
123-179	6565-6845	10.00	10.00	10.00	10.00
187	6885	NS	NS	NS	NS
195-219	6925-7045	NS	NS	NS	NS
227	7085	NS	NS	NS	NS

Table 262



6 GHz WLAN - 40 MHz - MIMO Core 1 - CDD - SP

Channel	Centre Frequency (MHz)	11be EHT40 RU52_26 (2Tx, CDD)	11ax HE40 RU52 (2Tx, CDD)	11ax HE40 RU26 (2Tx, CDD)
3	5965	11.40	9.70	7.00
11	6005	11.50	9.70	6.90
19-27	6045-6085	11.50	9.70	6.90
35-59	6125-6245	10.75	10.20	7.50
67-75	6285-6325	10.00	10.00	7.80
83	6365	10.00	10.00	7.70
91	6405	10.00	10.00	7.60
99-107	6445-6485	NS	NS	NS
115	6525	NS	NS	NS
123-179	6565-6845	10.00	9.80	7.10
187	6885	NS	NS	NS
195-219	6925-7045	NS	NS	NS
227	7085	NS	NS	NS

Table 263

6 GHz WLAN - 40 MHz - MIMO Core 1 - SDM - SP

Channel	Centre Frequency (MHz)	11ax HE40 (2Tx, MIMO) Low Rate	11be EHT40 RU106_26 (2Tx, MIMO)	11ax HE40 RU106 (2Tx, MIMO)	11be EHT40 RU52_26 (2Tx, MIMO)
3	5965	11.50	11.50	11.50	11.50
11	6005	11.50	11.50	11.50	11.50
19-27	6045-6085	11.50	11.50	11.50	11.50
35-59	6125-6245	10.75	10.75	10.75	10.75
67-75	6285-6325	10.00	10.00	10.00	10.00
83	6365	10.00	10.00	10.00	10.00
91	6405	10.00	10.00	10.00	10.00
99-107	6445-6485	NS	NS	NS	NS
115	6525	NS	NS	NS	NS
123-179	6565-6845	10.00	10.00	10.00	10.00
187	6885	NS	NS	NS	NS
195-219	6925-7045	NS	NS	NS	NS
227	7085	NS	NS	NS	NS

Table 264



6 GHz WLAN - 40 MHz - MIMO Core 1 - SDM - SP

Channel	Centre Frequency (MHz)	11ax HE40 RU52 (2Tx, MIMO)	11ax HE40 RU26 (2Tx, MIMO)	11ax HE40 (2Tx, TxBF) Low Rate
3	5965	11.50	9.00	11.50
11	6005	11.50	9.00	11.50
19-27	6045-6085	11.50	9.00	11.50
35-59	6125-6245	10.75	9.00	10.75
67-75	6285-6325	10.00	9.00	10.00
83	6365	10.00	9.00	10.00
91	6405	10.00	9.00	10.00
99-107	6445-6485	NS	NS	NS
115	6525	NS	NS	NS
123-179	6565-6845	10.00	9.00	10.00
187	6885	NS	NS	NS
195-219	6925-7045	NS	NS	NS
227	7085	NS	NS	NS

Table 265

6 GHz WLAN - 80 MHz - SISO Core 0 - SP

Channel	Centre Frequency (MHz)	11a 80 (SISO,C0) Low Rate	11ax HE80 (SISO,C0) Low Rate	11be EHT80 RU484_242 (SISO,C0)	11be EHT80 RU106_26 (SISO,C0)
7	5985	10.75	10.75	10.75	10.75
23	6065	10.75	10.75	10.75	10.75
39-55	6145-6225	12.50	12.50	12.50	12.50
71	6305	12.50	12.50	12.50	12.50
87	6385	12.50	12.50	12.50	12.50
103	6465	NS	NS	NS	NS
119	6545	NS	NS	NS	NS
135-167	6625-6785	10.25	10.25	10.25	10.25
183	6865	NS	NS	NS	NS
199	6945	NS	NS	NS	NS
215	7025	NS	NS	NS	NS

Table 266



6 GHz WLAN - 80 MHz - SISO Core 0 - SP

Channel	Centre Frequency (MHz)	11ax HE80 RU106 (SISO,C0)	11be EHT80 RU52_26 (SISO,C0)	11ax HE80 RU52 (SISO,C0)	11ax HE80 RU26 (SISO,C0)
7	5985	10.75	10.50	9.00	6.00
23	6065	10.75	10.50	9.00	6.00
39-55	6145-6225	12.00	10.50	9.00	6.00
71	6305	12.00	10.50	9.00	6.00
87	6385	12.00	10.50	9.00	6.00
103	6465	NS	NS	NS	NS
119	6545	NS	NS	NS	NS
135-167	6625-6785	10.25	10.25	9.00	6.00
183	6865	NS	NS	NS	NS
199	6945	NS	NS	NS	NS
215	7025	NS	NS	NS	NS

Table 267

6 GHz WLAN - 80 MHz - MIMO Core 0 - CDD - SP

Channel	Centre Frequency (MHz)	11a 80 (2Tx, CDD) Low Rate	11ax HE80 (2Tx, CDD) Low Rate	11be EHT80 RU484_242 (2Tx, CDD)	11be EHT80 RU106_26 (2Tx, CDD)
7	5985	10.75	10.75	10.75	10.75
23	6065	10.75	10.75	10.75	10.75
39-55	6145-6225	12.50	12.50	12.50	12.50
71	6305	12.50	12.50	12.50	12.50
87	6385	12.50	12.50	12.50	12.50
103	6465	NS	NS	NS	NS
119	6545	NS	NS	NS	NS
135-167	6625-6785	10.25	19.50	19.50	12.50
183	6865	NS	NS	NS	NS
199	6945	NS	NS	NS	NS
215	7025	NS	NS	NS	NS

Table 268

6 GHz WLAN - 80 MHz - MIMO Core 0 - CDD - SP

Channel	Centre Frequency (MHz)	11ax HE80 RU106 (2Tx, CDD)	11be EHT80 RU52_26 (2Tx, CDD)	11ax HE80 RU52 (2Tx, CDD)	11ax HE80 RU26 (2Tx, CDD)
7	5985	10.75	10.50	9.00	6.00
23	6065	10.75	10.50	9.00	6.00
39-55	6145-6225	12.00	10.50	9.00	6.00
71	6305	12.00	10.50	9.00	6.00
87	6385	12.00	10.50	9.00	6.00
103	6465	NS	NS	NS	NS
119	6545	NS	NS	NS	NS
135-167	6625-6785	10.25	10.25	9.00	6.00
183	6865	NS	NS	NS	NS
199	6945	NS	NS	NS	NS
215	7025	NS	NS	NS	NS

Table 269

6 GHz WLAN - 80 MHz - MIMO Core 0 - SDM - SP

Channel	Centre Frequency (MHz)	11ax HE80 (2Tx, MIMO) Low Rate	11be EHT80 RU484_242 (2Tx, MIMO)	11be EHT80 RU106_26 (2Tx, MIMO)	11ax HE80 RU106 (2Tx, MIMO)
7	5985	10.75	10.75	10.75	10.75
23	6065	10.75	10.75	10.75	10.75
39-55	6145-6225	12.50	12.50	12.50	12.00
71	6305	12.50	12.50	12.50	12.00
87	6385	12.50	12.50	12.50	12.00
103	6465	NS	NS	NS	NS
119	6545	NS	NS	NS	NS
135-167	6625-6785	10.25	10.25	10.25	10.25
183	6865	NS	NS	NS	NS
199	6945	NS	NS	NS	NS
215	7025	NS	NS	NS	NS

Table 270



6 GHz WLAN - 80 MHz - MIMO Core 0 - SDM - SP

Channel	Centre Frequency (MHz)	11be EHT80 RU52_26 (2Tx, MIMO)	11ax HE80 RU52 (2Tx, MIMO)	11ax HE80 RU26 (2Tx, MIMO)	11ax HE80 (2Tx, TxBF) Low Rate
7	5985	10.50	9.00	6.00	10.75
23	6065	10.50	9.00	6.00	10.75
39-55	6145-6225	10.50	9.00	6.00	12.50
71	6305	10.50	9.00	6.00	12.50
87	6385	10.50	9.00	6.00	12.50
103	6465	NS	NS	NS	NS
119	6545	NS	NS	NS	NS
135-167	6625-6785	10.25	9.00	6.00	10.25
183	6865	NS	NS	NS	NS
199	6945	NS	NS	NS	NS
215	7025	NS	NS	NS	NS

Table 271

6 GHz WLAN - 80 MHz - SISO Core 1 - SP

Channel	Centre Frequency (MHz)	11a 80 (SISO,C1) Low Rate	11ax HE80 (SISO,C1) Low Rate	11be EHT80 RU484_242 (SISO,C1)	11be EHT80 RU106_26 (SISO,C1)
7	5985	11.50	11.50	11.50	11.50
23	6065	11.50	11.50	11.50	11.50
39-55	6145-6225	10.75	10.75	10.75	10.75
71	6305	10.00	10.00	10.00	10.00
87	6385	10.00	10.00	10.00	10.00
103	6465	NS	NS	NS	NS
119	6545	NS	NS	NS	NS
135-167	6625-6785	10.00	10.00	10.00	10.00
183	6865	NS	NS	NS	NS
199	6945	NS	NS	NS	NS
215	7025	NS	NS	NS	NS

Table 272



6 GHz WLAN - 80 MHz - SISO Core 1 - SP

Channel	Centre Frequency (MHz)	11ax HE80 RU106 (SISO,C1)	11be EHT80 RU52_26 (SISO,C1)	11ax HE80 RU52 (SISO,C1)	11ax HE80 RU26 (SISO,C1)
7	5985	11.50	10.50	9.00	6.00
23	6065	11.50	10.50	9.00	6.00
39-55	6145-6225	10.75	10.50	9.00	6.00
71	6305	10.00	10.00	9.00	6.00
87	6385	10.00	10.00	9.00	6.00
103	6465	NS	NS	NS	NS
119	6545	NS	NS	NS	NS
135-167	6625-6785	10.00	10.00	9.00	6.00
183	6865	NS	NS	NS	NS
199	6945	NS	NS	NS	NS
215	7025	NS	NS	NS	NS

Table 273

6 GHz WLAN - 80 MHz - MIMO Core 1 - CDD - SP

Channel	Centre Frequency (MHz)	11a 80 (2Tx, CDD) Low Rate	11ax HE80 (2Tx, CDD) Low Rate	11be EHT80 RU484_242 (2Tx, CDD)	11be EHT80 RU106_26 (2Tx, CDD)
7	5985	11.50	11.50	11.50	11.50
23	6065	11.50	11.50	11.50	11.50
39-55	6145-6225	10.75	10.75	10.75	10.75
71	6305	10.00	10.00	10.00	10.00
87	6385	10.00	10.00	10.00	10.00
103	6465	NS	NS	NS	NS
119	6545	NS	NS	NS	NS
135-167	6625-6785	10.00	10.00	10.00	10.00
183	6865	NS	NS	NS	NS
199	6945	NS	NS	NS	NS
215	7025	NS	NS	NS	NS

Table 274



6 GHz WLAN - 80 MHz - MIMO Core 1 - CDD - SP

Channel	Centre Frequency (MHz)	11ax HE80 RU106 (2Tx, CDD)	11be EHT80 RU52_26 (2Tx, CDD)	11ax HE80 RU52 (2Tx, CDD)	11ax HE80 RU26 (2Tx, CDD)
7	5985	11.50	10.50	9.00	6.00
23	6065	11.50	10.50	9.00	6.00
39-55	6145-6225	10.75	10.50	9.00	6.00
71	6305	10.00	10.00	9.00	6.00
87	6385	10.00	10.00	9.00	6.00
103	6465	NS	NS	NS	NS
119	6545	NS	NS	NS	NS
135-167	6625-6785	10.00	10.00	9.00	6.00
183	6865	NS	NS	NS	NS
199	6945	NS	NS	NS	NS
215	7025	NS	NS	NS	NS

Table 275

6 GHz WLAN - 80 MHz - MIMO Core 1 - SDM - SP

Channel	Centre Frequency (MHz)	11ax HE80 (2Tx, MIMO) Low Rate	11be EHT80 RU484_242 (2Tx, MIMO)	11be EHT80 RU106_26 (2Tx, MIMO)	11ax HE80 RU106 (2Tx, MIMO)
7	5985	11.50	11.50	11.50	11.50
23	6065	11.50	11.50	11.50	11.50
39-55	6145-6225	10.75	10.75	10.75	10.75
71	6305	10.00	10.00	10.00	10.00
87	6385	10.00	10.00	10.00	10.00
103	6465	NS	NS	NS	NS
119	6545	NS	NS	NS	NS
135-167	6625-6785	10.00	10.00	10.00	10.00
183	6865	NS	NS	NS	NS
199	6945	NS	NS	NS	NS
215	7025	NS	NS	NS	NS

Table 276



6 GHz WLAN - 80 MHz - MIMO Core 1 - SDM - SP

Channel	Centre Frequency (MHz)	11be EHT80 RU52_26 (2Tx, MIMO)	11ax HE80 RU52 (2Tx, MIMO)	11ax HE80 RU26 (2Tx, MIMO)	11ax HE80 (2Tx, TxBF) Low Rate
7	5985	10.50	9.00	6.00	11.50
23	6065	10.50	9.00	6.00	11.50
39-55	6145-6225	10.50	9.00	6.00	10.75
71	6305	10.00	9.00	6.00	10.00
87	6385	10.00	9.00	6.00	10.00
103	6465	NS	NS	NS	NS
119	6545	NS	NS	NS	NS
135-167	6625-6785	10.00	9.00	6.00	10.00
183	6865	NS	NS	NS	NS
199	6945	NS	NS	NS	NS
215	7025	NS	NS	NS	NS

Table 277

6 GHz WLAN - 160 MHz - SISO Core 0 - SP

Channel	Centre Frequency (MHz)	11a 160 (SISO,C0) Low Rate	11ax HE160 (SISO,C0) Low Rate	11be EHT160 RU996_484_242 (SISO,C0)	11be EHT160 RU996_484 (SISO,C0)	11be EHT160 RU484_242 (SISO,C0)
15	6025	10.75	10.75	10.75	10.75	10.75
47	6185	12.50	12.50	12.50	12.50	12.50
79	6345	12.50	12.50	12.50	12.50	12.50
111	6505	NS	NS	NS	NS	NS
143	6665	10.25	10.25	10.25	10.25	10.25
175	6825	NS	NS	NS	NS	NS
207	6985	NS	NS	NS	NS	NS

Table 278



6 GHz WLAN - 160 MHz - SISO Core 0 - SP

Channel	Centre Frequency (MHz)	11be EHT160 RU106_26 (SISO,C0)	11ax HE160 RU106 (SISO,C0)	11be EHT160 RU52_26 (SISO,C0)	11ax HE160 RU52 (SISO,C0)	11ax HE160 RU26 (SISO,C0)
15	6025	9.50	9.00	7.50	6.00	3.00
47	6185	9.50	9.00	7.50	6.00	3.00
79	6345	9.50	9.00	7.50	6.00	3.00
111	6505	NS	NS	NS	NS	NS
143	6665	9.50	9.00	7.50	6.00	3.00
175	6825	NS	NS	NS	NS	NS
207	6985	NS	NS	NS	NS	NS

Table 279

6 GHz WLAN - 160 MHz - MIMO Core 0 - CDD - SP

Channel	Centre Frequency (MHz)	11a 160 (2Tx, CDD) Low Rate	11ax HE160 (2Tx, CDD) Low Rate	11be EHT160 RU996_484_242 (2Tx, CDD)	11be EHT160 RU996_484 (2Tx, CDD)	11be EHT160 RU484_242 (2Tx, CDD)
15	6025	10.75	10.75	10.75	10.75	10.75
47	6185	12.50	12.50	12.50	12.50	12.50
79	6345	12.50	12.50	12.50	12.50	12.50
111	6505	NS	NS	NS	NS	NS
143	6665	10.25	10.25	10.25	10.25	10.25
175	6825	NS	NS	NS	NS	NS
207	6985	NS	NS	NS	NS	NS

Table 280

6 GHz WLAN - 160 MHz - MIMO Core 0 - CDD - SP

Channel	Centre Frequency (MHz)	11be EHT160 RU106_26 (2Tx, CDD)	11ax HE160 RU106 (2Tx, CDD)	11be EHT160 RU52_26 (2Tx, CDD)	11ax HE160 RU52 (2Tx, CDD)	11ax HE160 RU26 (2Tx, CDD)
15	6025	9.50	9.00	7.50	6.00	3.00
47	6185	9.50	9.00	7.50	6.00	3.00
79	6345	9.50	9.00	7.50	6.00	3.00
111	6505	NS	NS	NS	NS	NS
143	6665	9.50	9.00	7.50	6.00	3.00
175	6825	NS	NS	NS	NS	NS
207	6985	NS	NS	NS	NS	NS

Table 281



6 GHz WLAN - 160 MHz - MIMO Core 0 - SDM - SP

Channel	Centre Frequency (MHz)	11ax HE160 (2Tx, MIMO) Low Rate	11be EHT160 RU996_484_2 42 (2Tx, MIMO)	11be EHT160 RU996_484 (2Tx, MIMO)	11be EHT160 RU484_242 (2Tx, MIMO)	11be EHT160 RU106_26 (2Tx, MIMO)
15	6025	10.75	10.75	10.75	10.75	9.50
47	6185	12.50	12.50	12.50	12.50	9.50
79	6345	12.50	12.50	12.50	12.50	9.50
111	6505	NS	NS	NS	NS	NS
143	6665	10.25	10.25	10.25	10.25	9.50
175	6825	NS	NS	NS	NS	NS
207	6985	NS	NS	NS	NS	NS

Table 282

6 GHz WLAN - 160 MHz - MIMO Core 0 - SDM - SP

Channel	Centre Frequency (MHz)	11ax HE160 RU106 (2Tx, MIMO)	11be EHT160 RU52_26 (2Tx, MIMO)	11ax HE160 RU52 (2Tx, MIMO)	11ax HE160 RU26 (2Tx, MIMO)	11ax HE160 (2Tx, TxBF) Low Rate
15	6025	9.00	7.50	6.00	3.00	10.75
47	6185	9.00	7.50	6.00	3.00	12.50
79	6345	9.00	7.50	6.00	3.00	12.50
111	6505	NS	NS	NS	NS	NS
143	6665	9.00	7.50	6.00	3.00	10.25
175	6825	NS	NS	NS	NS	NS
207	6985	NS	NS	NS	NS	NS

Table 283

6 GHz WLAN - 160 MHz - SISO Core 1 - SP

Channel	Centre Frequency (MHz)	11a 160 (SISO,C1) Low Rate	11ax HE160 (SISO,C1) Low Rate	11be EHT160 RU996_484_2 42 (SISO,C1)	11be EHT160 RU996_484 (SISO,C1)	11be EHT160 RU484_242 (SISO,C1)
15	6025	11.50	11.50	11.50	11.50	11.50
47	6185	10.75	10.75	10.75	10.75	10.75
79	6345	10.00	10.00	10.00	10.00	10.00
111	6505	NS	NS	NS	NS	NS
143	6665	11.00	11.00	11.00	11.00	11.00
175	6825	NS	NS	NS	NS	NS
207	6985	NS	NS	NS	NS	NS

Table 284



6 GHz WLAN - 160 MHz - SISO Core 1 - SP

Channel	Centre Frequency (MHz)	11be EHT160 RU106_26 (SISO,C1)	11ax HE160 RU106 (SISO,C1)	11be EHT160 RU52_26 (SISO,C1)	11ax HE160 RU52 (SISO,C1)	11ax HE160 RU26 (SISO,C1)
15	6025	9.50	9.00	7.50	6.00	3.00
47	6185	9.50	9.00	7.50	6.00	3.00
79	6345	9.50	9.00	7.50	6.00	3.00
111	6505	NS	NS	NS	NS	NS
143	6665	9.50	9.00	7.50	6.00	3.00
175	6825	NS	NS	NS	NS	NS
207	6985	NS	NS	NS	NS	NS

Table 285

6 GHz WLAN - 160 MHz - MIMO Core 1 - CDD - SP

Channel	Centre Frequency (MHz)	11a 160 (2Tx, CDD) Low Rate	11ax HE160 (2Tx, CDD) Low Rate	11be EHT160 RU996_484_242 (2Tx, CDD)	11be EHT160 RU996_484 (2Tx, CDD)	11be EHT160 RU484_242 (2Tx, CDD)
15	6025	11.50	11.50	11.50	11.50	11.50
47	6185	10.75	10.75	10.75	10.75	10.75
79	6345	10.00	10.00	10.00	10.00	10.00
111	6505	NS	NS	NS	NS	NS
143	6665	11.00	11.00	11.00	11.00	11.00
175	6825	NS	NS	NS	NS	NS
207	6985	NS	NS	NS	NS	NS

Table 286

6 GHz WLAN - 160 MHz - MIMO Core 1 - CDD - SP

Channel	Centre Frequency (MHz)	11be EHT160 RU106_26 (2Tx, CDD)	11ax HE160 RU106 (2Tx, CDD)	11be EHT160 RU52_26 (2Tx, CDD)	11ax HE160 RU52 (2Tx, CDD)	11ax HE160 RU26 (2Tx, CDD)
15	6025	9.50	9.00	7.50	6.00	3.00
47	6185	9.50	9.00	7.50	6.00	3.00
79	6345	9.50	9.00	7.50	6.00	3.00
111	6505	NS	NS	NS	NS	NS
143	6665	9.50	9.00	7.50	6.00	3.00
175	6825	NS	NS	NS	NS	NS
207	6985	NS	NS	NS	NS	NS

Table 287



6 GHz WLAN - 160 MHz - MIMO Core 1 - SDM - SP

Channel	Centre Frequency (MHz)	11ax HE160 (2Tx, MIMO) Low Rate	11be EHT160 RU996_484_2 42 (2Tx, MIMO)	11be EHT160 RU996_484 (2Tx, MIMO)	11be EHT160 RU484_242 (2Tx, MIMO)	11be EHT160 RU106_26 (2Tx, MIMO)
15	6025	11.50	11.50	11.50	11.50	9.50
47	6185	10.75	10.75	10.75	10.75	9.50
79	6345	10.00	10.00	10.00	10.00	9.50
111	6505	NS	NS	NS	NS	NS
143	6665	11.00	11.00	11.00	11.00	9.50
175	6825	NS	NS	NS	NS	NS
207	6985	NS	NS	NS	NS	NS

Table 288

6 GHz WLAN - 160 MHz - MIMO Core 1 - SDM - SP

Channel	Centre Frequency (MHz)	11ax HE160 RU106 (2Tx, MIMO)	11be EHT160 RU52_26 (2Tx, MIMO)	11ax HE160 RU52 (2Tx, MIMO)	11ax HE160 RU26 (2Tx, MIMO)	11ax HE160 (2Tx, TxBF) Low Rate
15	6025	9.00	7.50	6.00	3.00	11.50
47	6185	9.00	7.50	6.00	3.00	10.75
79	6345	9.00	7.50	6.00	3.00	10.00
111	6505	NS	NS	NS	NS	NS
143	6665	9.00	7.50	6.00	3.00	11.00
175	6825	NS	NS	NS	NS	NS
207	6985	NS	NS	NS	NS	NS

Table 289



1.8 CONDUCTED POWER MEASUREMENTS

1.8.1 Method

Conducted Power Measurements were made using a power meter.

1.8.2 Measured Results

Bluetooth

(BT Core 0 – ePA)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
EDR2	0	8DPSK	77	3-DH5	2402	17.47	17.50
EDR2	39	8DPSK	77	3-DH5	2441	17.44	17.50
EDR2	78	8DPSK	77	3-DH5	2480	17.41	17.50

Table 290

(BT Core 1 – ePA)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
BDR	0	GFSK	77	1-DH5	2402	18.54	18.75
BDR	39	GFSK	77	1-DH5	2441	18.71	18.75
BDR	78	GFSK	77	1-DH5	2480	18.67	18.75

Table 291

(BT Core 2 – iPA)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
BDR	0	GFSK	77	1-DH5	2402	12.89	14.00
BDR	39	GFSK	77	1-DH5	2441	12.87	14.00
BDR	78	GFSK	77	1-DH5	2480	12.81	14.00

Table 292



Narrowband UNII-1

(UNII-1 - Core 0)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
HDR8	Bottom	GFSK	77	1-DH5	5150	13.94	14.00
HDR8	Middle	GFSK	77	1-DH5	5200	13.79	14.00
HDR8	Top	GFSK	77	1-DH5	5250	13.89	14.00

Table 293

(UNII-1 - Core 1)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
HDR8	Bottom	GFSK	77	1-DH5	5150	13.94	14.00
HDR8	Middle	GFSK	77	1-DH5	5200	13.95	14.00
HDR8	Top	GFSK	77	1-DH5	5250	13.95	14.00

Table 294

Narrowband U-NII-3- When 2.4 GHz WLAN OFF

(UNII-3 - Core 0)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
BDR	Bottom	GFSK	77	1-DH5	5725	19.92	20.00
BDR	Middle	GFSK	77	1-DH5	5788	19.78	20.00
BDR	Top	GFSK	77	1-DH5	5850	19.75	20.00

Table 295

(UNII-3 - Core 1)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
BDR	Bottom	GFSK	77	1-DH5	5725	19.93	20.00
BDR	Middle	GFSK	77	1-DH5	5788	19.93	20.00
BDR	Top	GFSK	77	1-DH5	5850	19.95	20.00

Table 296



Narrowband U-NII-3 - When 2.4 GHz WLAN ON

(UNII-3 - Core 0)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
BDR	Bottom	GFSK	77	1-DH5	5725	14.84	15.00
BDR	Middle	GFSK	77	1-DH5	5788	14.92	15.00
BDR	Top	GFSK	77	1-DH5	5850	14.83	15.00

Table 297

(UNII-3 - Core 1)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
BDR	Bottom	GFSK	77	1-DH5	5725	15.93	16.00
BDR	Middle	GFSK	77	1-DH5	5788	15.91	16.00
BDR	Top	GFSK	77	1-DH5	5850	15.87	16.00

Table 298



Thread (When 5 GHz WLAN OFF)

(Core 0 - ePA)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
Thread	11	OQPSK	100	N/A	2405	20.98	21.00
Thread	18	OQPSK	100	N/A	2440	20.35	21.00
Thread	26	OQPSK	100	N/A	2480	20.87	21.00

Table 299

(Core 1 - ePA)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
Thread	11	OQPSK	100	N/A	2405	20.87	21.00
Thread	18	OQPSK	100	N/A	2440	20.58	21.00
Thread	26	OQPSK	100	N/A	2480	20.63	21.00

Table 300

(Core 2 - iPA)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
Thread	11	OQPSK	100	N/A	2405	8.05	8.50
Thread	18	OQPSK	100	N/A	2440	8.12	8.50
Thread	26	OQPSK	100	N/A	2480	8.41	8.50

Table 301



Thread (When 5 GHz WLAN ON)

(Core 0 - ePA)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
Thread	11	OQPSK	100	N/A	2405	18.75	19.00
Thread	18	OQPSK	100	N/A	2440	18.40	19.00
Thread	26	OQPSK	100	N/A	2480	18.99	19.00

Table 302

(Core 1 - ePA)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
Thread	11	OQPSK	100	N/A	2405	18.67	19.00
Thread	18	OQPSK	100	N/A	2440	18.82	19.00
Thread	26	OQPSK	100	N/A	2480	18.65	19.00

Table 303

(Core 2 - iPA)

Technology	Channel	Modulation	Duty Cycle (%)	Packet Type	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
Thread	11	OQPSK	100	N/A	2405	8.05	8.50
Thread	18	OQPSK	100	N/A	2440	8.12	8.50
Thread	26	OQPSK	100	N/A	2480	8.41	8.50

Table 304



WLAN 2.4 GHz - SISO

(Core 0)

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11b 20 MHz	1	QPSK	100	1.00	2412	18.99	19.00
802.11b 20 MHz	6	QPSK	100	1.00	2437	18.97	19.00
802.11b 20 MHz	11	QPSK	100	1.00	2462	18.93	19.00

Table 305

(Core 1)

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11b 20 MHz	1	QPSK	100	1.00	2412	18.96	19.00
802.11b 20 MHz	6	QPSK	100	1.00	2437	18.93	19.00
802.11b 20 MHz	11	QPSK	100	1.00	2462	18.86	19.00

Table 306

WLAN 2.4 GHz – DSSS - MIMO

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11b 20 MHz (Core 0)	1	QPSK	100	1.00	2412	19.00	19.00
802.11b 20 MHz (Core 1)	1	QPSK	100	1.00	2412	18.98	19.00
802.11b 20 MHz (Core 0)	6	QPSK	100	1.00	2437	18.96	19.00
802.11b 20 MHz (Core 1)	6	QPSK	100	1.00	2437	18.99	19.00
802.11b 20 MHz (Core 0)	11	QPSK	100	1.00	2462	15.97	16.00
802.11b 20 MHz (Core 1)	11	QPSK	100	1.00	2462	15.96	16.00

Table 307



WLAN 2.4 GHz – OFDM - SISO

(Core 0)

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11g 20 MHz	2	QPSK	100	12.00	2417	20.98	21.00
802.11g 20 MHz	6	QPSK	100	12.00	2437	21.94	22.00
802.11g 20 MHz	10	QPSK	100	12.00	2457	18.77	19.00

Table 308

(Core 1)

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11g 20 MHz	2	QPSK	100	12.00	2417	20.33	20.50
802.11g 20 MHz	6	QPSK	100	12.00	2437	21.95	22.00
802.11g 20 MHz	10	QPSK	100	12.00	2457	20.72	21.00

Table 309



WLAN 2.4 GHz – OFDM - MIMO

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11g 20 MHz (Core 0)	2	QPSK	100	12.00	2417	19.75	20.00
802.11g 20 MHz (Core 0)	6	QPSK	100	12.00	2437	21.96	22.00
802.11g 20 MHz (Core 0)	10	QPSK	100	12.00	2457	17.76	18.00
802.11g 20 MHz (Core 1)	2	QPSK	100	12.00	2417	19.88	20.00
802.11g 20 MHz (Core 1)	6	QPSK	100	12.00	2437	21.98	22.00
802.11g 20 MHz (Core 1)	10	QPSK	100	12.00	2457	17.72	18.00

Table 310

WLAN U-NII 1/2A - 5.2/5.3 GHz SISO

(Core 0)

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11a 20 MHz	36	QPSK	100	12.00	5180	18.13	18.25
802.11a 20 MHz	40	QPSK	100	12.00	5200	18.11	18.25
802.11n HT40	46	QPSK	100	40.50	5230	18.05	18.25
802.11n HT40	54	QPSK	100	40.50	5270	17.61	18.00
802.11a 20 MHz	60	QPSK	100	12.00	5300	17.88	18.00
802.11a 20 MHz	64	QPSK	100	12.00	5320	17.90	18.00

Table 311



(Core 1)

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11a 20 MHz	36	QPSK	100	12.00	5180	18.90	19.00
802.11a 20 MHz	40	QPSK	100	12.00	5200	18.99	19.25
802.11n HT40	46	QPSK	100	40.50	5230	19.08	19.25
802.11n HT40	54	QPSK	100	40.50	5270	19.44	19.50
802.11a 20 MHz	60	QPSK	100	12.00	5300	19.44	19.50
802.11a 20 MHz	64	QPSK	100	12.00	5320	18.81	19.00

Table 312



WLAN U-NII 1/2A - 5.2/5.3 GHz MIMO

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11n HT20 (Core 0)	36	QPSK	100	19.50	5180	16.75	17.00
802.11n HT20 (Core 0)	40	QPSK	100	19.50	5200	17.21	17.50
802.11n HT40 (Core 0)	46	QPSK	100	40.50	5230	17.97	18.25
802.11n HT40 (Core 0)	54	QPSK	100	40.50	5270	17.69	18.00
802.11n HT20 (Core 0)	60	QPSK	100	19.50	5300	17.17	17.50
802.11n HT20 (Core 0)	64	QPSK	100	19.50	5320	17.18	17.50
802.11n HT20 (Core 1)	36	QPSK	100	19.50	5180	16.93	17.00
802.11n HT20 (Core 1)	40	QPSK	100	19.50	5200	17.33	17.50
802.11n HT40 (Core 1)	46	QPSK	100	40.50	5230	19.06	19.25
802.11n HT40 (Core 1)	54	QPSK	100	40.50	5270	19.28	19.50
802.11n HT20 (Core 1)	60	QPSK	100	19.50	5300	17.47	17.50
802.11n HT20 (Core 1)	64	QPSK	100	19.50	5320	17.47	17.50

Table 313



WLAN U-NII 2C - 5.5 GHz SISO

(Core 0)

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11a 20 MHz	100	QPSK	100	12.00	5500	18.00	18.25
802.11a 20 MHz	104	QPSK	100	12.00	5520	18.09	18.25
802.11n HT40	110	QPSK	100	40.50	5550	18.24	18.25
802.11ac VHT80	122	QPSK	100	87.80	5610	18.11	18.25
802.11ac VHT80	138	QPSK	100	87.80	5690	18.24	18.25

Table 314

(Core 1)

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11a 20 MHz	100	QPSK	100	12.00	5500	19.00	19.00
802.11a 20 MHz	104	QPSK	100	12.00	5520	19.18	19.25
802.11n HT40	110	QPSK	100	40.50	5550	19.10	19.25
802.11ac VHT80	122	QPSK	100	87.80	5610	19.12	19.25
802.11ac VHT80	138	QPSK	100	87.80	5690	19.13	19.50

Table 315



WLAN U-NII 2C - 5.5 GHz (2Tx, CDD, non TxBF) MIMO

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11n HT20 (Core 0)	100	QPSK	100	19.50	5500	16.89	17.10
802.11ax HE20 (Core 0)	104	QPSK	100	25.80	5520	17.22	17.60
802.11n HT40 (Core 0)	110	QPSK	100	40.50	5550	18.02	18.25
802.11ac VHT80 (Core 0)	122	QPSK	100	87.80	5610	17.95	18.25
802.11ac VHT80 (Core 0)	138	QPSK	100	87.80	5690	17.89	18.25
802.11n HT20 (Core 1)	100	QPSK	100	19.50	5500	16.91	17.10
802.11ax HE20 (Core 1)	104	QPSK	100	25.80	5520	17.35	17.60
802.11n HT40 (Core 1)	110	QPSK	100	40.50	5550	19.15	19.25
802.11ac VHT80 (Core 1)	122	QPSK	100	87.80	5610	18.99	19.25
802.11ac VHT80 (Core 1)	138	QPSK	100	87.80	5690	18.98	19.25

Table 316

WLAN U-NII 3 - 5.8GHz SISO

(Core 0)

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11ac VHT80	155	QPSK	100	87.80	5775	18.71	19.00
802.11a 20 MHz	165	QPSK	100	12.00	5825	18.86	19.00

Table 317



(Core 1)

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11ac VHT80	155	QPSK	100	87.80	5775	19.81	20.00
802.11a 20 MHz	165	QPSK	100	12.00	5825	19.92	20.00

Table 318

WLAN U-NII 3 - 5.8 GHz MIMO

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11n HT40 (Core 0)	151	QPSK	100	40.50	5755	18.77	19.00
802.11n HT40 (Core 0)	159	QPSK	100	40.50	5795	18.84	19.00
802.11n HT40 (Core 1)	151	QPSK	100	40.50	5755	19.91	20.00
802.11n HT40 (Core 1)	159	QPSK	100	40.50	5795	19.83	20.00

Table 319



WLAN 6 GHz SISO

(Core 0)

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11ax HE160	15	QPSK	100	216.20	6025	10.41	10.75
802.11ax HE160	47	QPSK	100	216.20	6185	12.27	12.50
802.11ax HE160	79	QPSK	100	216.20	6345	12.39	12.50
802.11ax HE160	111	QPSK	100	216.20	6505	10.66	10.75
802.11ax HE160	143	QPSK	100	216.20	6665	9.98	10.25
802.11ax HE160	175	QPSK	100	216.20	6825	10.05	10.25
802.11ax HE160	207	QPSK	100	216.20	6985	10.24	10.25
802.11ax HE40	227	QPSK	100	51.60	7085	8.43	8.60

Table 320

(Core 1)

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11ax HE160	15	QPSK	100	216.20	6025	11.29	11.50
802.11ax HE160	47	QPSK	100	216.20	6185	10.52	10.75
802.11ax HE160	79	QPSK	100	216.20	6345	9.78	10.00
802.11ax HE160	111	QPSK	100	216.20	6505	9.75	10.00
802.11ax HE160	143	QPSK	100	216.20	6665	10.86	11.00
802.11ax HE160	175	QPSK	100	216.20	6825	10.15	10.25
802.11ax HE160	207	QPSK	100	216.20	6985	11.69	12.00
802.11ax HE40	227	QPSK	100	51.60	7085	9.28	9.40

Table 321



WLAN 6 GHz MIMO

Technology	Channel	Modulation	Duty Cycle (%)	Rate (Mbps)	Frequency (MHz)	Measured Power (dBm)	Tune Up (dBm)
802.11ax HE160 (Core 0)	15	QPSK	100	216.20	6025	10.56	10.75
802.11ax HE160 (Core 0)	47	QPSK	100	216.20	6185	12.11	12.50
802.11ax HE160 (Core 0)	79	QPSK	100	216.20	6345	12.29	12.50
802.11ax HE160 (Core 0)	111	QPSK	100	216.20	6505	9.81	10.20
802.11ax HE160 (Core 0)	143	QPSK	100	216.20	6665	10.11	10.25
802.11ax HE160 (Core 0)	175	QPSK	100	216.20	6825	9.81	10.10
802.11ax HE160 (Core 0)	207	QPSK	100	216.20	6985	10.06	10.25
802.11ax HE40 (Core 0)	227	QPSK	100	51.60	7085	5.76	6.00
802.11ax HE160 (Core 1)	15	QPSK	100	216.20	6025	11.43	11.50
802.11ax HE160 (Core 1)	47	QPSK	100	216.20	6185	10.52	10.75
802.11ax HE160 (Core 1)	79	QPSK	100	216.20	6345	9.60	10.00
802.11ax HE160 (Core 1)	111	QPSK	100	216.20	6505	9.76	10.00
802.11ax HE160 (Core 1)	143	QPSK	100	216.20	6665	10.90	11.00
802.11ax HE160 (Core 1)	175	QPSK	100	216.20	6825	9.90	10.10
802.11ax HE160 (Core 1)	207	QPSK	100	216.20	6985	11.65	11.80
802.11ax HE40 (Core 1)	227	QPSK	100	51.60	7085	5.78	6.00

Table 322



SECTION 2

TEST DETAILS

Specific Absorption Rate Testing of the A3428

2.1 DASY MEASUREMENT SYSTEM

2.1.1 System Description

The DASY system for performing compliance tests consists of the following items:

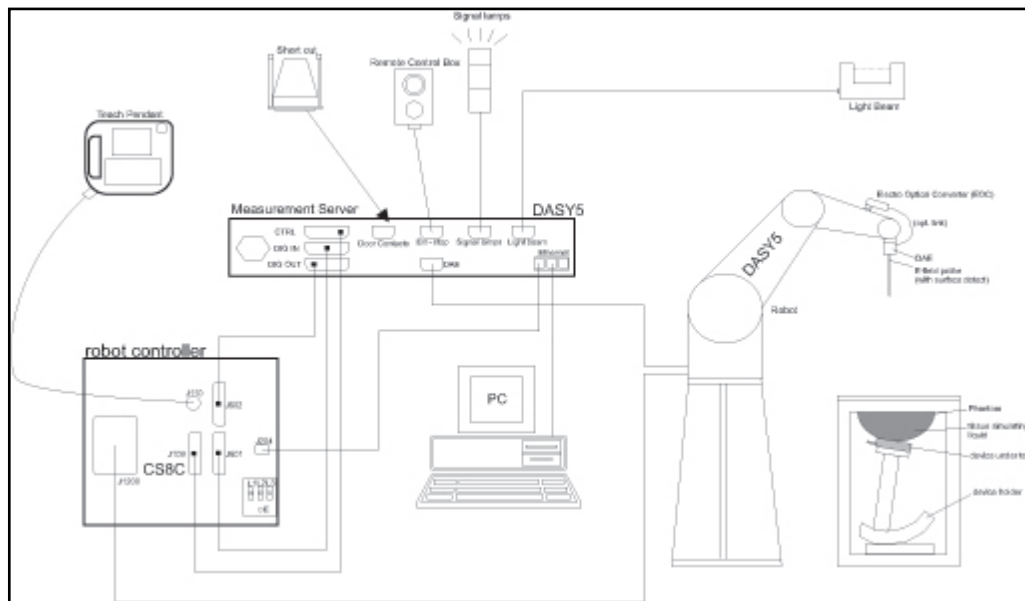


Figure 9 - System Description Diagram

A standard high precision 6-axis robot (Stäubli TX=RX family) with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).

An isotropic field probe optimized and calibrated for the targeted measurement.

Data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.

The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.

The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.

The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.

A computer running the DASY software to display and interact with the robot and information.

There is a remote control and a teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.

The phantom, the device holder and other accessories according to the targeted measurement.



2.1.2 Probe Specification

The probes used by the DASY system are isotropic E-field probes, constructed with a symmetric design and a triangular core. The probes have built-in shielding against static charges and are contained within a PEEK enclosure material. These probes are specially designed and calibrated for use in liquids with high permittivity. The frequency range of the probes are from 6 MHz to 6 GHz.

2.1.3 Data Acquisition Electronics

The data acquisition electronics (DAE4 or DAE3) consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16-bit AD-converter and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information, as well as an optical uplink for commands and the clock.

The mechanical probe mounting device includes two different sensor systems for frontal and sideways probe contacts. They are used for mechanical surface detection and probe collision detection. The input impedance of both the DAE4 as well as of the DAE3 box is 200MOhm; the inputs are symmetrical and floating. Common mode rejection is above 80 dB.

2.1.4 SAR Evaluation Description

The cDASY software includes all numerical procedures necessary to evaluate the spatial peak SAR values.

Fast Area Scan:

The Fast Area Scan provides an easy, time efficient and accurate way to define the optimal power reference location. The location of the power reference and power drift measurements for the subsequent Area, Fast Volume and Zoom Scans will be automatically set at the maximum of the Fast Area Scan.

Area Scan:

Area Scans are used to determine the peak location of the measured field before doing a finer measurement around the hotspot. Peak location can be found accurately even on coarse grids using the advanced interpolation routines implemented in cDASY Module SAR. Area Scans measure a two-dimensional volume covering the full device under test area. cDASY Module SAR uses Fast Averaged SAR algorithm to compute the 1g and 10g of simulated tissue from the Area Scan.

Fast Volume Scans:

Fast Volume Scans are 3D scans used to assess the peak spatial SAR values within an averaging volume containing 1g and 10g of simulated tissue. It is compatible with any phantom. For regular phantoms, the measurement grid is generated by projecting a plane onto the phantom surface as for Area and Zoom scans. For specific phantoms, the measurement grid is generated by a conformal offset to the phantom surface at the desired distances. The grid extents can be set by the end user to cover the DUT dimensions or the whole measurable area of the phantom.



Zoom Scan:

Zoom scans are used to assess the peak spatial SAR values within a cubic averaging volume containing 1g and 10g of simulated tissue. Zoom scans measure a three-dimensional volume (cube). The bottom face of the cube is Centred on the maximum of the preceding Area Scan in the same measurement group. For maxima at border of the phantom, the zoom scan can be enabled to automatically extend to ensure correct evaluation of peak spatial SAR.

Zoom Scans can be performed in two different modes:

- Smart Mode: the grid settings are adjusted on the fly based on the distribution being measured to fulfil to the IEC 62209-2 Amendment 1 criteria on grid resolution.
- Custom Mode: the user specifies the grid settings to be used. In both modes, Zoom Scans are always anchored to the peak location of the preceding Fast Area / Area / Fast Volume Scan.

2.1.5 DASY Absorbed Power Density Evaluation

The DASY measurement system will output the absorbed power density result values by default from version 16.0 of DASY software onwards. All the measurement details described in this section are utilised to collect the required data which is then converted automatically within the software and displayed for frequencies above 5.9 GHz.

2.2 DASY 6 mmWave PD Module

2.2.1 Measurement System

A DASY 6 Measurement System equipped with the DASY 6 mmWave module was used to carry out the peak spatially averaged power density (psPD) measurements. It consists of a 6-axis industrial robot and controller that provides a highly accurate positioning system, a PC for the system control software, a near field probe (EUmmWVx), a probe alignment sensor and the 5G phantom. The high accuracy positioning system places the near field probe at the key location points of the maximum electromagnetic field.

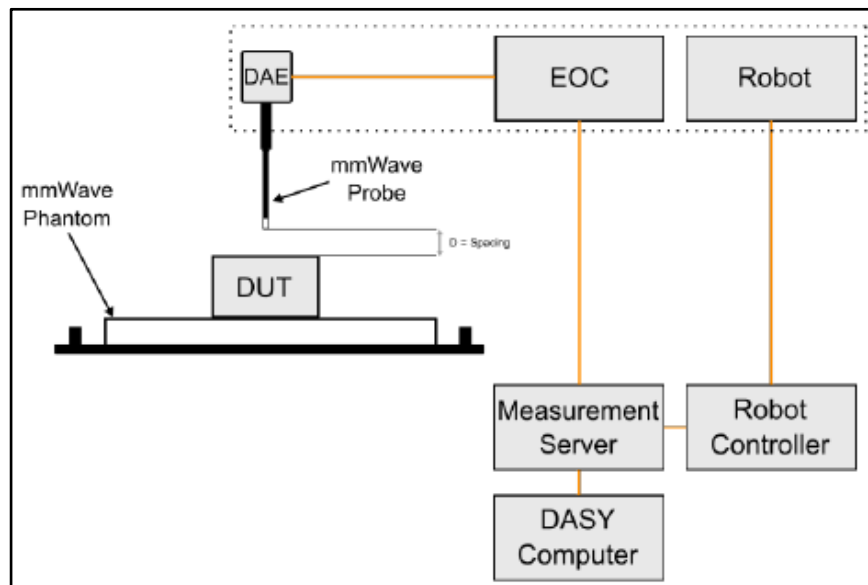


Figure 10 - Typical measurement setup for PD measurement with DASY 6



2.2.2 EUmWVx E-Field Probe Details

The EUmWVx probe utilises two dipole elements that are specifically arranged to allow for the generation of pseudo-vector data.

Frequency Range	750 MHz - 110 GHz
Dynamic Range	<20 V/m - 10'000 V/m with PRE-10 (min <20 V/m - 2000 V/m)
Position Precision	<0.2 mm (DASY6)
Dimensions	Overall length: 320 mm (tip: 20 mm) Tip and body diameter: encapsulation 8 mm (internal sensor <1mm) Distance from probe tip to sensor Y cal point: 1.5 mm Distance from probe tip to sensor X cal point: 1.5 mm
Applications	E-field measurements of 5G devices and other mm-wave transmitters operating above 10GHz in <2 mm distance from device (free-space) Power density, H-field, and far-field analysis using total field reconstruction.
Compatibility	cDASY6 + 5G-Module SW1.0 and higher

Table 3237

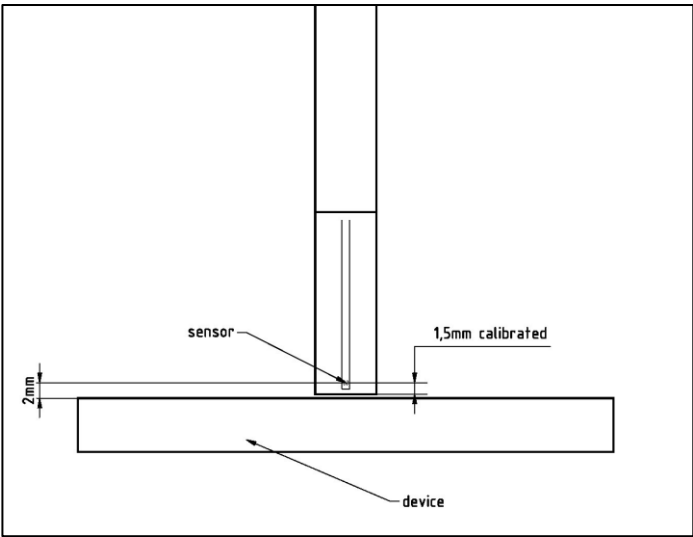


Figure 11 - Diagram of the distance sensor to the EUT surface

2.2.3 Peak Spatially Averaged Power Density Assessment based on E-Field Measurements

Power density was determined for both the electric and magnetic fields within a small distance from the transmitting source. In general, the magnitude and phase of two components of either E-field or H-field are needed on a sufficiently large surface to characterise their total distributions. Despite this being the case, a solution based on the direct measurement of the E and H field can be used to compute power density. The measurement approach to achieve this is given below.

- a) The local E-field is measured at a reference point on the measurement surface where the field is well above the system noise floor. This reference point is re-visited at the end of the measurement routine and re-measured to determine and assess the power drift of the EUT.
- b) The electric field on the measurement surface was scanned using instructions provided by the test system manufacturer. The spatial resolution of the measurement can depend on the measured field characteristic and measurement methodology used by the test system. The planar scan step size is configured to be $\lambda/4$.
- c) DASY6 uses a reconstruction algorithm to calculate the H-field from the measured E-field. As the power density calculation requires amplitude and phase, reconstruction algorithms can also be used to obtain field information from the measured E-field data, for example phase information from the amplitude if only the amplitude is measured. Three measurements per point on two measurement planes separated by $\lambda/4$ are carried out in order for the H-field and phase data to be reconstructed.
- d) Using the equation below the total peak spatially averaged power density (psPD) distribution on the evaluation surface can be determined. The applicable regulatory requirements specify the spatial averaging area A. A circular shape is used.

$$psPD = \frac{1}{2A_{av}} \iint_{A_{av}} ||Re\{E \times H^*\}|| dA$$

- e) The final quantity used to determine compliance against the applicable limits is the maximum spatial average on the evaluation.
- f) Following the measurement of the power drift as described in step a) the drift was assessed. If the drift deviated by more than 5% then the power density test and drift measurements shall be repeated.

2.2.4 Reconstruction Algorithm

Computation of the PD in general requires knowledge of the electric (E-) and magnetic (H-) field amplitudes and phases in the plane of incidence. Reconstruction of these quantities from pseudo-vector E-field measurements is feasible, as they are constrained by Maxwell's equations.

The test system utilises a reconstruction approach based on the Gerchberg-Saxton algorithm which benefits from the availability of the E-field polarization ellipse information obtained with the EUmmWVx probe. This reconstruction algorithm, together with the ability of the probe to measure extremely close to the source without perturbing the field, permits reconstruction of the E- and H-fields and the PD on measurement planes located as near as $\lambda/2\pi$.

2.2.5 Standalone PD Limit

The following formula provides the reference levels for local exposure to electromagnetic fields from >6 GHz to 300GHz for general public as referenced in ICNIRP 2020:

$$55/f_G^{0.177}$$

The FCC Oct 2020 TCB workshop states their own incident power density limit of 1mW/cm² plane-wave equivalent, averaged over 4 cm² as reflected in FCC 47 CFR 1.1310.

2.2.6 Exposure Ratio

The following formulas used to calculate the exposure ratio of SAR, APD and iPD respectively as referenced in ICNIRP 2020:

$$\begin{aligned} \text{SAR} \quad & \sum_{i=100 \text{ kHz}}^{300 \text{ GHz}} \frac{\text{SAR}_i}{\text{SAR}_{\text{BR}}} \leq 1, \\ \text{APD} \quad & \sum_{i>6 \text{ GHz}}^{30 \text{ GHz}} \frac{S_{\text{ab},4\text{cm},i}}{S_{\text{ab},4\text{cm},\text{BR}}} \leq 1, \\ \text{iPD} \quad & \sum_{i>6 \text{ GHz}}^{30 \text{ GHz}} \left(\frac{S_{\text{inc},4\text{cm},i}}{S_{\text{inc},4\text{cm},\text{RL},i}} \right) \leq 1, \end{aligned}$$

2.2.7 Total Exposure Ratio (TER)

The total exposure ratio is the sum of local specific absorption rate (SAR), local absorbed power density (APD) and local incident power density (IPD) referenced in ICNIRP 2020:

where, SAR_i and SAR_{BR} are the local SAR level at frequency i and the local SAR basic restriction given in ICNIRP 2020. $S_{ab,4cm,i}$ and $S_{ab,4cm,BR}$ are the $4cm^2$ absorbed power density level at frequency i and the $4cm^2$ absorbed power density basic restriction given in ICNIRP 2020. $S_{inc,4cm,i}$ and $S_{inc,4cm,RL,i}$ are the local $4cm^2$ incident power density at frequency i and the local $4cm^2$ incident power density reference level at frequency i given in ICNIRP 2020.

$$\begin{aligned} & \sum_{i=100 \text{ kHz}}^{6 \text{ GHz}} \frac{SAR_i}{SAR_{BR}} \\ & + \sum_{i>6 \text{ GHz}}^{30 \text{ GHz}} \frac{S_{ab,4cm,i}}{S_{ab,4cm,BR}} \\ & + \sum_{i>6 \text{ GHz}}^{30 \text{ GHz}} \left(\frac{S_{inc,4cm,i}}{S_{inc,4cm,RL,i}} \right) \leq 1 \end{aligned}$$

TER is applied when simultaneous transmission of the different types of measurement is tested, and basic restriction limits cannot be applied. The TER of the applicable measurements is calculated and summed up to not exceed 1.



SECTION 3

TEST EQUIPMENT USED



3.1 TEST EQUIPMENT USED

The following test equipment was used at TÜV SÜD Product Service:

Instrument Description	Manufacturer	Model Type	TE Number	Cal Period (months)	Calibration Due Date
Directional Coupler	Hewlett Packard	11692D	452	-	TU
Power Supply RS 204-684	Iso-tech	IPS 302A	4932	-	TU
Validation Dipole 5GHz	SPEAG	D5GzV2	5328	12	16-Jun-2026
Validation Dipole 2450MHz	SPEAG	D2450V2	5329	12	17-Jun-2026
Flat phantom (Body)	SPEAG	ELI v8.0	5332	-	TU
Measurement server	SPEAG	DASY 6	5337	-	TU
Mounting Platform Robot & Phantoms	SPEAG	MP6C	5338	-	TU
Robot	Stäubli	TX90 XL	5340	-	TU
Thermocouple Thermometer	Digitron	2006T	5845	12	20-Jan-26
Validation Dipole 6.5GHz	SPEAG	D6.5GHzV2 SAAAD650AA	6156	12	31-Oct-2026
Validation Dipole 6.5GHz	SPEAG	D6.5GHzV2 SAAAD650AA	6157	12	4-Jul-2026
1m Coaxial Cable Assy	Junkosha	MWX221-01000AMSAMS/A	6355	12	23-May-2026
2m Coaxial Cable Assy	Junkosha	MWX221-02000AMSAMS/A	6364	12	23-May-2026
Flat phantom (Body)	SPEAG	ELI v8.0	6491	-	TU
Measurement Server	SPEAG	Dasy 8	6492	-	TU
Robot mounting platform	SPEAG	MP8C	6493	-	TU
Robot	Stäubli	TX2 90XL	6494	-	TU
Dosimetric SAR Probe	SPEAG	EX3DV4	6497	12	15-Aug-2026
Dosimetric SAR Probe	SPEAG	EX3DV4	6498	12	7-Feb-2026
ENA Series network analyser	Keysight Technologies	E5063A	6499	12	14-May-2026
Data Acquisition Electronics	SPEAG	DAE4ip	6500	12	5-Feb-2026



Instrument Description	Manufacturer	Model Type	TE Number	Cal Period (months)	Calibration Due Date
Data Acquisition Electronics	SPEAG	DAE4ip	6501	12	11-Aug-2026
Dielectric Assessment Kit	SPEAG	DAK-3.5	6502	-	TU
SAR RF Validation Source	SPEAG	POWERSOURCE1-SE UMS 160 CB	6503	12	5-Mar-2026
SAR RF Validation Source	SPEAG	POWERSOURCE1-SE UMS 160 CB	6504	12	7-Feb-2026
3 Path Diode Power Sensor 10MHz - 18GHz	Rohde & Schwarz	NRP18S	6533	24	11-Apr-2026
3 Path Diode Power Sensor 10MHz - 18GHz	Rohde & Schwarz	NRP18S	6534	24	23-Jul-2027
Power Meter	Rohde & Schwarz	NRX	6535	-	TU
Amplifier	Mini-Circuits	ZVE-3W-183+	6540	-	O/P Mon
Dosimetric SAR Probe	SPEAG	EX3DV4	6573	12	19-May-2026
Data Acquisition Electronics	SPEAG	DAE4ip	6574	12	12-May-2026
Analogue Signal Generator	Agilent Technologies	E8257D	6683	12	31-Mar-2026
Patch Antenna Verification Source	SPEAG	P6500V1	6704	12	3-Nov-2026
10dB attenuator	RF-Lambda	RFS5G08B10SMF	6730	12	14-Jan-2026
Robot	Stäubli	TX2 90XL	6827	-	TU
Robot mounting platform	SPEAG	MP8C	6828	-	TU
Measurement Server	SPEAG	Dasy 8	6829	-	TU
Flat phantom (Body)	SPEAG	ELI v8.0	6830	-	TU
Digital Thermometer	Comark	KM14	6948	12	31-Dec-2025
1dB Attenuator	Pasternack	PE7013-1	6960	12	23-Apr-2026
1dB Attenuator	Pasternack	PE7013-1	6961	12	23-Apr-2026
Humidity & Temperature meter	R.S Components	1364	7104	12	15-Jul-2026
Isotropic E-field Probe for 5G Evaluations	SPEAG	EUmmWV4	7142	12	03-Sept-2026



Instrument Description	Manufacturer	Model Type	TE Number	Cal Period (months)	Calibration Due Date
Tissue Simulant Liquid	SPEAG	HBBL 600-10000	Batch 5	-	Note 1
Tissue Simulant Liquid	SPEAG	HBBL 600-10000	Batch 7	-	Note 1
Tissue Simulant Liquid	SPEAG	HBBL 600-10000	Batch 8	-	Note 1

Table 324

TU - Traceability Unscheduled
O/P Mon - Output Monitored

Note 1: The calibration dates for the relevant batches of TSL can be found in the fluid parameter tables within this report.



3.2 TEST SOFTWARE

The following software was used to control the TÜV SÜD Product Service DASY System.

Instrument	Version Number
DASY System	cDASY6 Module mmWave V3.2.2.2358
DASY System	cDASY6 Module SAR V16.4.0.5005
DASY System	cDASY8 Module SAR V16.2.2.1588
DASY System	cDASY8 Module SAR V16.2.2.1588



3.3 TEST VERIFICATION

3.3.1 System Performance Check Results

Prior to formal testing being performed a System Check was performed in accordance with KDB 865664 and the results were compared against the calibration certificates of each corresponding system verification dipole. The following results were obtained and within the $\pm 10\%$ acceptance criteria. A system performance check in DASY Module mmWave was also performed with the Verification Source available at 6500 MHz in accordance with IEC/IEEE 63195-1.

SAR System Check

Date	Frequency (MHz)	Fluid Type	Measured Max 1g SAR (W/kg) *	Max 1g SAR Target (W/kg)	Percentage Deviation from Target 1g (%)
26/11/2025	2450 MHz	HBBL B8	50.68	52.60	-3.65
26/11/2025	5200 MHz	HBBL B7	73.43	76.30	-3.77
26/11/2025	5800 MHz	HBBL B7	74.62	80.40	-7.19
27/11/2025	2450 MHz	HBBL B7	49.08	52.60	-6.69
28/11/2025	2450 MHz	HBBL B7	50.48	52.60	-4.03
28/11/2025	2450 MHz	HBBL B8	51.08	52.60	-2.89
28/11/2025	5200 MHz	HBBL B7	75.22	76.30	-1.41
28/11/2025	5200 MHz	HBBL B8	78.41	76.30	2.77
28/11/2025	5800 MHz	HBBL B7	77.22	80.40	-3.96
01/12/2025	5300 MHz	HBBL B7	76.82	79.00	-2.76
01/12/2025	5600 MHz	HBBL B7	78.61	81.90	-4.01
01/12/2025	6500 MHz	HBBL B8	294.00	297.00	-1.01
02/12/2025	5600 MHz	HBBL B7	80.21	81.90	-2.06
02/12/2025	6500 MHz	HBBL B8	301.00	300.00	0.33
03/12/2025	5600 MHz	HBBL B7	78.41	81.90	-4.26
03/12/2025	6500 MHz	HBBL B8	286.00	297.00	-3.70
04/12/2025	5300 MHz	HBBL B7	75.62	79.00	-4.28
04/12/2025	5600 MHz	HBBL B7	76.02	81.90	-7.18
04/12/2025	6500 MHz	HBBL B8	275.00	297.00	-7.41
05/12/2025	6500 MHz	HBBL B8	298.00	297.00	0.34
08/12/2025	5300 MHz	HBBL B7	77.82	79.00	-1.50
08/12/2025	5800 MHz	HBBL B7	76.22	80.40	-5.20
12/12/2025	5600 MHz	HBBL B7	78.41	81.90	-4.26
16/12/2025	6500 MHz	HBBL B8	306.00	297.00	3.03
08/01/2026	2450 MHz	HBBL B5	49.88	52.60	-5.17
21/01/2026	2450 MHz	HBBL B7	48.68	52.60	-7.44

Table 325

APD System Check



Date	Frequency (MHz)	Fluid Type	Absorbed Power Density over 4cm ² (W/m ²) *	Absorbed Power Density Target over 4cm ² (W/m ²)	Percentage Deviation from Target 4cm ² (%)
01/12/2025	6500 MHz	HBBL B8	1340.00	1340.00	0.00
02/12/2025	6500 MHz	HBBL B8	1370.00	1320.00	3.79
03/12/2025	6500 MHz	HBBL B8	1320.00	1340.00	-1.49
04/12/2025	6500 MHz	HBBL B8	1260.00	1340.00	-5.97
05/12/2025	6500 MHz	HBBL B8	1370.00	1340.00	2.24
16/12/2025	6500 MHz	HBBL B8	1410.00	1340.00	5.22

Table 326

iPD System Check

Date	Frequency (MHz)	Medium	Measured psPDtot + (W/m ²)	Target psPDtot + (W/m ²)	Percentage Deviation from Target (%)
05/12/2025	6500	Air	134.00	138.00	-2.90
08/12/2025	6500	Air	140.00	138.00	1.45

Table 327

*Normalised to a forward power of 1W.



3.4 DIELECTRIC PROPERTIES OF SIMULANT LIQUIDS

The fluid properties of the simulant fluids used during routine SAR evaluation meet the dielectric properties required in KDB 865664.

The dielectric properties of the tissue simulant liquids used are within the $\pm 10\%$ acceptance criteria for the SAR testing at TÜV SÜD Product Service and are as follows:

Fluid Type and Frequency	Relative Permittivity Measured	Relative Permittivity Target	Conductivity Measured (S/m)	Conductivity Target (S/m)	Date	Fluid Temperature °C
HBBL B8 2450 MHz	39.56	39.20	1.78	1.80	25/11/2025	20.10
HBBL B7 2450 MHz	40.23	39.20	1.76	1.80	26/11/2025	20.40
HBBL B7 5200 MHz	35.63	35.99	4.39	4.66	26/11/2025	20.40
HBBL B7 5800 MHz	34.61	35.30	5.06	5.27	26/11/2025	20.40
HBBL B8 2450 MHz	39.66	39.20	1.86	1.80	27/11/2025	20.40
HBBL B8 5200 MHz	34.46	35.99	4.53	4.66	27/11/2025	20.40
HBBL B7 2450 MHz	39.80	39.20	1.82	1.80	28/11/2025	21.40
HBBL B7 5200 MHz	34.90	35.99	4.47	4.66	28/11/2025	21.40
HBBL B7 5800 MHz	33.81	35.30	5.13	5.27	28/11/2025	21.40
HBBL B7 5300 MHz	34.41	35.87	4.58	4.76	01/12/2025	19.20
HBBL B7 5600 MHz	33.86	35.53	4.91	5.07	01/12/2025	19.20
HBBL B8 6500 MHz	31.75	34.46	5.89	6.07	01/12/2025	19.40
HBBL B7 5300 MHz	36.66	35.87	4.56	4.76	03/12/2025	21.70
HBBL B7 5600 MHz	36.14	35.53	4.89	5.07	03/12/2025	21.70
HBBL B8 6500 MHz	33.23	34.46	5.83	6.07	03/12/2025	22.00
HBBL B8 6500 MHz	31.79	34.46	5.85	6.07	05/12/2025	21.30
HBBL B7 5300 MHz	34.43	35.87	4.62	4.76	08/12/2025	19.60
HBBL B7 5800 MHz	33.54	35.30	5.20	5.27	08/12/2025	19.60
HBBL B7 5600 MHz	35.41	35.53	4.84	5.07	12/12/2025	21.80
HBBL B8 6500 MHz	32.32	34.46	5.87	6.07	16/12/2025	20.40
HBBL B5 2450 MHz	39.58	39.20	1.82	1.80	07/01/2025	19.90
HBBL B7 2450 MHz	38.77	39.20	1.83	1.80	21/01/2026	19.70

Table 328



3.5 TEST CONDITIONS

3.5.1 Test Laboratory Conditions

Ambient temperature: Within +18.00°C to +25.00°C.

The actual temperature during the testing ranged from 19.30°C to 23.70°C.

The actual humidity during the testing ranged from 22.50% to 56.50% RH.

The temperature of the fluid during testing does not deviate by more than 2°C for each set of tests.

3.5.2 Test Fluid Temperature Range

Frequency	Body / Head Fluid	Min Temperature °C	Max Temperature °C
2450 MHz	HBBL 600-10000	19.70	21.20
5200 MHz	HBBL 600-10000	20.40	21.40
5300 MHz	HBBL 600-10000	19.40	21.50
5600 MHz	HBBL 600-10000	19.40	21.80
5800 MHz	HBBL 600-10000	19.60	21.40
6500 MHz	HBBL 600-10000	19.70	21.40

Table 329



3.6 MEASUREMENT UNCERTAINTY

SAR Measurements, 300 MHz to 3 GHz

Source of Uncertainty	Uncertainty $\pm$ %	Probability distribution	Div	c_i (1g)	Standard Uncertainty $\pm$ % (1g)
Measurement System Errors					
Probe Calibration	12.0	Normal	2.00	1.00	6.0
Probe Calibration Drift	1.7	Rectangular	1.73	1.00	1.0
Probe Linearity	4.7	Rectangular	1.73	1.00	2.7
Broadband Signal	3.0	Rectangular	1.73	1.00	1.7
Probe Isotropy	7.6	Rectangular	1.73	1.00	4.4
Data Acquisition	0.3	Normal	1.00	1.00	0.3
RF Ambient	1.8	Normal	1.00	1.00	1.8
Probe Positioning	0.2	Normal	1.00	0.14	0.0
Data Processing	1.2	Normal	1.00	1.00	1.2
Phantom and Device errors					
Liquid Conductivity Meas.	2.5	Normal	1.00	0.78	2.0
Liquid Conductivity Temp	3.3	Rectangular	1.73	0.78	1.5
Phantom Permittivity	14.0	Rectangular	1.73	0.00	0.0
Distance DUT - TSL	2.0	Normal	1.00	2.00	4.0
Device Positioning ($\pm 0.5\text{mm}$)	1.0	Normal	1.00	1.00	1.0
Device Holder	3.6	Normal	1.00	1.00	3.6
Device Modulation	2.4	Rectangular	1.73	1.00	1.4
Time-average SAR	2.6	Rectangular	1.73	1.00	1.5
DUT Drift	5.0	Normal	1.00	1.00	5.0
Correction to the SAR results					
Deviation to Target	1.9	Normal	1.00	1.00	1.9
SAR Scaling	0.0	Rectangular	1.73	1.00	0.0
Combined Standard Uncertainty		RSS			11.8
Expanded Standard Uncertainty		K=2			23.7

Table 330



SAR Measurements, 3 GHz to 6 GHz

Source of Uncertainty	Uncertainty $\pm$ %	Probability distribution	Div	c_i (1g)	Standard Uncertainty $\pm$ % (1g)
Measurement System Errors					
Probe Calibration	14.0	Normal	2.00	1.00	7.0
Probe Calibration Drift	1.7	Rectangular	1.73	1.00	1.0
Probe Linearity	4.7	Rectangular	1.73	1.00	2.7
Broadband Signal	2.6	Rectangular	1.73	1.00	1.5
Probe Isotropy	7.6	Rectangular	1.73	1.00	4.4
Data Acquisition	0.3	Normal	1.00	1.00	0.3
RF Ambient	1.8	Normal	1.00	1.00	1.8
Probe Positioning	0.2	Normal	1.00	0.33	0.1
Data Processing	2.3	Normal	1.00	1.00	2.3
Phantom and Device errors					
Liquid Conductivity Meas.	2.5	Normal	1.00	0.78	2.0
Liquid Conductivity Temp	3.4	Rectangular	1.73	0.78	1.5
Phantom Permittivity	14.0	Rectangular	1.73	0.25	2.0
Distance DUT - TSL	2.0	Normal	1.00	2.00	4.0
Device Positioning (± 0.5 mm)	1.0	Normal	1.00	1.00	1.0
Device Holder	3.6	Normal	1.00	1.00	3.6
Device Modulation	2.4	Rectangular	1.73	1.00	1.4
Time-average SAR	2.6	Rectangular	1.73	1.00	1.5
DUT Drift	5.0	Normal	1.00	1.00	5.0
Correction to the SAR results					
Deviation to Target	1.9	Normal	1.00	1.00	1.9
SAR Scaling	0.0	Rectangular	1.73	1.00	0.0
Combined Standard Uncertainty		RSS			12.7
Expanded Standard Uncertainty		K=2			25.3

Table 331



SAR Measurements, 6 GHz to 10 GHz

Source of Uncertainty	Uncertainty $\pm$ %	Probability distribution	Div	c_i (1g)	Standard Uncertainty $\pm$ % (1g)
Measurement System Errors					
Probe Calibration	18.6	Normal	2.00	1.00	9.3
Probe Calibration Drift	1.7	Rectangular	1.73	1.00	1.0
Probe Linearity	4.7	Rectangular	1.73	1.00	2.7
Broadband Signal	2.8	Rectangular	1.73	1.00	1.6
Probe Isotropy	7.6	Rectangular	1.73	1.00	4.4
Data Acquisition	0.3	Normal	1.00	1.00	0.3
RF Ambient	1.8	Normal	1.00	1.00	1.8
Probe Positioning	0.2	Normal	1.00	0.67	0.1
Data Processing	3.5	Normal	1.00	1.00	3.5
Phantom and Device errors					
Liquid Conductivity Meas.	2.5	Normal	1.00	0.78	2.0
Liquid Conductivity Temp	2.4	Rectangular	1.73	0.78	1.1
Phantom Permittivity	14.0	Rectangular	1.73	0.50	4.0
Distance DUT - TSL	2.0	Normal	1.00	2.00	4.0
Device Positioning (± 0.5 mm)	1.0	Normal	1.00	1.00	1.0
Device Holder	3.6	Normal	1.00	1.00	3.6
Device Modulation	2.4	Rectangular	1.73	1.00	1.4
Time-average SAR	2.6	Rectangular	1.73	1.00	1.5
DUT Drift	5.0	Normal	1.00	1.00	5.0
Correction to the SAR results					
Deviation to Target	1.9	Normal	1.00	1.00	1.9
SAR Scaling	0.0	Rectangular	1.73	1.00	0.0
Combined Standard Uncertainty		RSS			14.7
Expanded Standard Uncertainty		K=2			29.4

Table 332



APD Measurements, 6 GHz to 10 GHz

Symbol	Error Description	Value %	Probability distribution	Divisor	c_i (1 g)	Std Uncertainty (1 g)	c_i (10 g)	Std Uncertainty (10 g)
Measurement System Errors								
CF	Probe Calibration	18.60	normal 2	2.000	1	9.30	1	9.30
CF_{DRIFT}	Probe Calibration Drift	1.70	rectangular	1.732	1	0.98	1	0.98
LIN	Probe Linearity	4.70	rectangular	1.732	1	2.71	1	2.71
BBS	Broadband Signal	2.80	rectangular	1.732	1	1.62	1	1.62
ISO	Probe Isotropy	7.60	rectangular	1.732	1	4.39	1	4.39
DAE	Other Probe+Electronic	0.30	normal 1	1.000	1	0.30	1	0.30
DAE	Boundary Effects + Corrections	4.00	rectangular	1.732	1	2.31	1	2.31
DAE	Sensor Offset & Uncertainty	0.10	normal 1	1.000	1	0.10	1	0.10
AMB	RF Ambient	3.00	normal 1	1.000	1	3.00	1	3.00
Δ_{sys}	Probe Positioning	0.01	normal 1	1.000	0.5	0.00	0.5	0.00
DAT	Data Processing	1.00	rectangular	1.732	1	0.58	1	0.58
Phantom and Device Errors								
$LIQ(\sigma)$	Conductivity (meas) ^{DAK}	2.50	normal 1	1.000	0.78	1.95	0.71	1.78
$LIQ(T\sigma)$	Conductivity (temp) ^{BB}	2.40	rectangular	1.732	0.78	1.08	0.71	0.98
EPS	Phantom Permittivity	14.00	rectangular	1.732	0.5	4.04	0.5	4.04
DIS	Distance DUT – TSL	2.00	normal 1	1.000	2	4.00	2	4.00
D_{xyz}	Device Positioning	1.00	normal 1	1.000	1	1.00	1	1.00
H	Device Holder	3.60	normal 1	1.000	1	3.60	1	3.60
MOD	DUT Modulation ^m	2.40	rectangular	1.732	1	1.39	1	1.39
TAS	Time-average SAR	1.70	rectangular	1.732	1	0.98	1	0.98
R_{fdrift}	DUT drift	5.00	normal 1	1.000	1	5.00	1	5.00
VAL	Val Antenna Unc. ^{val}	0.00	normal 1	1.000	1	0.00	1	0.00
R_{fin}	Unc. Input Power ^{val}	0.00	normal 1	1.000	1	0.00	1	0.00
Correction To The SAR Results								
$C(\epsilon, \sigma)$	Deviation to Target	1.90	normal 1	1.000	1	1.90	0.84	1.60
$C(R)$	SAR scaling	0.00	rectangular	1.732	1	0.00	1	0.00
APD								
PDC	Power Density Conversion	13.50	rectangular	1.732	1	7.79	1	7.79
$u(\Delta SAR)$	Combined Standard Uncertainty	-	normal	-	-	16.58	-	16.52
U	Expanded Uncertainty	-	normal $k =$	2.00	-	33.2	-	33

Table 333



Uncertainty Budget for iPD

Symbol	Error Description	Value dB	Probability distribution	Divisor	c_i	$u_i(y)$ dB	$(u_i(y))^2$	v_i or v_{eff}	$u_i^4(y)$
Uncertainty terms dependent on the measurement system									
CAL	Calibration	0.49	normal 1	1.000	1	0.49	0.240	∞	0
COR	Probe correction	0.00	rectangular	1.732	1	0.00	0.000	∞	0
FRS	Frequency response (BW $\leq$ 1 GHz)	0.20	rectangular	1.732	1	0.12	0.013	∞	0
SCC	Sensor cross coupling	0.00	rectangular	1.732	1	0.00	0.000	∞	0
ISO	Isotropy	0.50	rectangular	1.732	1	0.29	0.083	∞	0
LIN	Linearity	0.20	rectangular	1.732	1	0.12	0.013	∞	0
PSC	Probe scattering	0.00	rectangular	1.732	1	0.00	0.000	∞	0
PPO	Probe positioning offset	0.30	rectangular	1.732	1	0.17	0.030	∞	0
PPR	Probe positioning repeatability	0.04	rectangular	1.732	1	0.02	0.001	∞	0
SMO	Sensor mechanical offset	0.00	rectangular	1.732	1	0.00	0.000	∞	0
PSR	Probe spatial resolution	0.00	rectangular	1.732	1	0.00	0.000	∞	0
FLD	Field impedance dependence	0.00	rectangular	1.732	1	0.00	0.000	∞	0
APD	Amplitude and phase drift	0.00	rectangular	1.732	1	0.00	0.000	∞	0
APN	Amplitude and phase noise	0.04	rectangular	1.732	1	0.02	0.001	∞	0
TR	Measurement area truncation	0.00	rectangular	1.732	1	0.00	0.000	∞	0
DAQ	Data acquisition	0.03	normal 1	1.000	1	0.03	0.001	∞	0
SMP	Sampling	0.00	rectangular	1.732	1	0.00	0.000	∞	0
REC	Field reconstruction	0.60	rectangular	1.732	1	0.35	0.120	∞	0
TRA	FTE/MEO	0.70	rectangular	1.732	1	0.40	0.163	∞	0
SCA	Power density scaling	0.00	rectangular	1.732	1	0.00	0.000	∞	0
SAV	Spatial averaging	0.10	rectangular	1.732	1	0.06	0.003	∞	0
SDL	System detection limit	0.04	rectangular	1.732	1	0.02	0.001	∞	0
Uncertainty terms dependent on the DUT and environmental factors									
PC	Probe coupling with DUT	0.00	rectangular	1.732	1	0.00	0.000	∞	0
MOD	Modulation response	0.40	rectangular	1.732	1	0.23	0.053	∞	0
IT	Integration time	0.00	rectangular	1.732	1	0.00	0.000	∞	0
RT	Response time	0.00	rectangular	1.732	1	0.00	0.000	∞	0
DH	Device holder influence	0.10	rectangular	1.732	1	0.06	0.003	∞	0
DA	DUT alignment	0.00	rectangular	1.732	1	0.00	0.000	∞	0
REF	Reflections in laboratory	0.10	rectangular	1.732	1	0.06	0.003	∞	0
TEM	Laboratory temperature	0.10	rectangular	1.732	1	0.06	0.003	∞	0
AC	RF ambient conditions	0.04	rectangular	1.732	1	0.02	0.001	∞	0
AR	Ambient reflections	0.04	rectangular	1.732	1	0.02	0.001	∞	0
MSI	Immunity / secondary reception	0.00	rectangular	1.732	1	0.00	0.000	∞	0
DRI	Drift of the DUT	0.00	rectangular	1.732	1	0.00	0.000	∞	0
$u_c(F_s)$	Combined Standard Uncertainty (w/ FTE/MEO)	-	normal	-	-	0.86	0.734	∞	0
$U(F_s)$	Expanded Uncertainty (w/ FTE/MEO)	-	normal $k =$	2.00	-	1.7	-	∞	-

Table 334

mmWave Uncertainty Budget - System Performance Check



Symbol	Error Description	Value dB	Probability distribution	Divisor	c_i	$u_i(y)$ dB	$(u_i(y))^2$ dB	v_i or v_{eff}	$u_i^4(y)$
Uncertainty terms dependent on the measurement system									
CAL	Calibration Repeatability	0.21	normal 1	1.000	1	0.21	0.044	∞	0
COR	Probe correction	0.00	rectangular	1.732	1	0.00	0.000	∞	0
FRS	Frequency response (BW $\leq$ 1 GHz)	0.20	rectangular	1.732	0	0.00	0.000	∞	0
SCC	Sensor cross coupling	0.00	rectangular	1.732	1	0.00	0.000	∞	0
ISO	Isotropy	0.30	rectangular	1.732	1	0.17	0.030	∞	0
LIN	Linearity	0.20	rectangular	1.732	1	0.12	0.013	∞	0
PSC	Probe scattering	0.00	rectangular	1.732	1	0.00	0.000	∞	0
PPO	Probe positioning offset	0.11	rectangular	1.732	1	0.06	0.004	∞	0
PPR	Probe positioning repeatability	0.04	rectangular	1.732	1	0.02	0.001	∞	0
SMO	Sensor mechanical offset	0.00	rectangular	1.732	1	0.00	0.000	∞	0
PSR	Probe spatial resolution	0.00	rectangular	1.732	1	0.00	0.000	∞	0
FLD	Field impedance dependence	0.00	rectangular	1.732	1	0.00	0.000	∞	0
APD	Amplitude and phase drift	0.00	rectangular	1.732	1	0.00	0.000	∞	0
APN	Amplitude and phase noise	0.04	rectangular	1.732	0	0.00	0.000	∞	0
TR	Measurement area truncation	0.00	rectangular	1.732	1	0.00	0.000	∞	0
DAQ	Data acquisition	0.03	normal 1	1.000	1	0.03	0.001	∞	0
SMP	Sampling	0.00	rectangular	1.732	1	0.00	0.000	∞	0
REC	Field reconstruction	0.60	rectangular	1.732	0.3	0.10	0.011	∞	0
TRA	Forward transformation	0.00	rectangular	1.732	1	0.00	0.000	∞	0
SCA	Power density scaling	0.00	rectangular	1.732	1	0.00	0.000	∞	0
SAV	Spatial averaging	0.10	rectangular	1.732	0	0.00	0.000	∞	0
SDL	System detection limit	0.04	rectangular	1.732	1	0.02	0.001	∞	0
Uncertainty terms dependent on the DUT and environmental factors									
PC	Probe coupling with DUT	0.00	rectangular	1.732	1	0.00	0.000	∞	0
MOD	Modulation response	0.40	rectangular	1.732	0	0.00	0.000	∞	0
IT	Integration time	0.00	rectangular	1.732	1	0.00	0.000	∞	0
RT	Response time	0.00	rectangular	1.732	1	0.00	0.000	∞	0
DH	Device holder influence	0.10	rectangular	1.732	0	0.00	0.000	∞	0
REF	Reflections in laboratory	0.10	rectangular	1.732	1	0.06	0.003	∞	0
TEM	Laboratory temperature	0.10	rectangular	1.732	1	0.06	0.003	∞	0
DA	DUT alignment	0.00	rectangular	1.732	1	0.00	0.000	∞	0
AC	RF ambient conditions	0.04	rectangular	1.732	1	0.02	0.001	∞	0
AR	Ambient reflections	0.04	rectangular	1.732	1	0.02	0.001	∞	0
MSI	Immunity / secondary reception	0.00	rectangular	1.732	0	0.00	0.000	∞	0
DRI	Drift of the DUT	0.10	rectangular	1.732	1	0.06	0.003	∞	0
$u_c(F_s)$	Combined Standard Uncertainty (w/ FTE/MEO)	-	normal	-	-	0.34	0.115	∞	0
$U(F_s)$	Expanded Uncertainty (w/ FTE/MEO)	-	normal $k =$	2.00	-	0.7		∞	-

Table 335

3.6.1 Decision Rule



Accuracy Method

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115: 2007, Clause 4.4.3 and 4.5.1. (Procedure 2). The measurement results are directly compared with the test limit to determine conformance with the requirements of the standard.

Risk: The uncertainty of measurement about the measured result is negligible with regard to the final pass/fail decision. The measurement result can be directly compared with the test limit to determine conformance with the requirement (compare IEC Guide 115). The level of risk to falsely accept and falsely reject items is further described in ILAC-G8.”



SECTION 4

ACCREDITATION, DISCLAIMERS AND COPYRIGHT

4.1 ACCREDITATION, DISCLAIMERS AND COPYRIGHT



This non-binding report has been prepared by TÜV SÜD with all reasonable skill and care.

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ANNEX A

PROBE CALIBRATION REPORT



Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client

TÜV SÜD
Fareham, United Kingdom

Certificate No.

EX-7804_Aug25

CALIBRATION CERTIFICATE

Object EX3DV4 - SN:7804

Calibration procedure(s) QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,
QA CAL-25.v8
Calibration procedure for dosimetric E-field probes

Calibration date August 15, 2025

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.
All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.
Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Calibration Date (Certificate No.)	Sched. Cal.
Power Sensor R&S NRP-33T	SN: 100967	30-Apr-25 (No. 1020-300791789)	Apr-26
N-type mismatch combination	SN: L1119	26-Mar-25 (No. 217-04292)	Mar-26
OCP DAK-12	SN: 1016	24-Sept-24 (No. OCP-DAK12-1016_Sep24)	Sep-25
OCP DAK-3.5	SN: 1249	23-Sept-24 (No. OCP-DAK3.5-1249_Sep24)	Sep-25
Reference Probe EX3DV4	SN: 7349	10-Jan-25 (No. EX3-7349_Jan25)	Jan-26
DAE4	SN: 1301	07-Nov-24 (No. DAE4-1301_Nov24)	Nov-25

Secondary Standards	ID	Check Date (in house)	Sched. Check
ACAP 2020 Setup 1	SN: L1404	30-Sept-24 (No. Report_ACAP2020E-Cave_20240930s)	Sep-25
OCP DAK-12	SN: 1029	27-Feb-25 (No. OCP-DAK12-1029_Feb25)	Feb-26
OCP DAK-3.5	SN: 1336	09-Dec-24 (No. OCP-DAK3.5-1336_Dec24)	Dec-25

	Name	Function	Signature
Calibrated by	Joanna Lleshaj	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	

Issued: August 15, 2025

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

**Calibration Laboratory of
Schmid & Partner
Engineering AG**

Zeughausstrasse 43, 8004 Zurich, Switzerland



S Schweizerischer Kalibrierdienst
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The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary

TSL	tissue simulating liquid
NORM _{x,y,z}	sensitivity in free space
ConvF	sensitivity in TSL / NORM _{x,y,z}
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization φ	φ rotation around probe axis
Polarization θ	θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORM_{x,y,z}**: Assessed for E-field polarization $\theta = 0$ ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). NORM_{x,y,z} are only intermediate values, i.e., the uncertainties of NORM_{x,y,z} does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)_{x,y,z}** = NORM_{x,y,z} * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCP_{x,y,z}**: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR**: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- A_{x,y,z}; B_{x,y,z}; C_{x,y,z}; D_{x,y,z}; VR_{x,y,z}**: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters**: Assessed in flat phantom using E-field (or Temperature Transfer Standard for $f \leq 800$ MHz) and inside waveguide using analytical field distributions based on power measurements for $f > 800$ MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORM_{x,y,z} * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- Spherical isotropy (3D deviation from isotropy)**: in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset**: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle**: The angle is assessed using the information gained by determining the NORM_x (no uncertainty required).



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Parameters of Probe: EX3DV4 - SN:7804

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm ($\mu V/(V/m)^2$) ^A	0.67	0.75	0.79	±10.1%
DCP (mV) ^B	107.7	106.1	108.2	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB $\sqrt{\mu V}$	C	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	122.9	±1.9%	±4.7%
		Y	0.00	0.00	1.00		134.2		
		Z	0.00	0.00	1.00		135.9		
10352	Pulse Waveform (200Hz, 10%)	X	1.46	60.36	6.13	10.00	60.0	±3.3%	±9.6%
		Y	1.47	60.45	6.15		60.0		
		Z	1.46	60.39	6.15		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.83	60.00	4.89	6.99	80.0	±2.7%	±9.6%
		Y	0.79	60.00	4.72		80.0		
		Z	0.84	60.00	4.93		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.47	60.00	3.70	3.98	95.0	±2.6%	±9.6%
		Y	0.00	124.77	0.58		95.0		
		Z	0.47	60.00	3.86		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	0.34	60.00	2.83	2.22	120.0	±1.6%	±9.6%
		Y	4.65	160.00	2.90		120.0		
		Z	0.32	60.00	3.08		120.0		
10387	QPSK Waveform, 1 MHz	X	0.56	66.80	14.65	1.00	150.0	±3.6%	±9.6%
		Y	0.46	62.61	11.89		150.0		
		Z	0.63	67.11	14.59		150.0		
10388	QPSK Waveform, 10 MHz	X	1.43	68.42	14.88	0.00	150.0	±1.0%	±9.6%
		Y	1.24	65.45	13.49		150.0		
		Z	1.47	68.15	15.02		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.87	66.49	16.87	3.01	150.0	±1.2%	±9.6%
		Y	1.62	63.56	15.55		150.0		
		Z	1.89	66.49	16.80		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.63	67.24	15.61	0.00	150.0	±1.9%	±9.6%
		Y	2.75	66.10	15.01		150.0		
		Z	2.89	67.14	15.58		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.71	66.70	15.53	0.00	150.0	±3.2%	±9.6%
		Y	3.84	66.52	15.50		150.0		
		Z	3.82	66.63	15.58		150.0		

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

^A The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Pages 5 to 7).

^B Linearization parameter uncertainty for maximum specified field strength.

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



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Sensor Model Parameters

	C1 fF	C2 fF	α V^{-1}	T1 $ms V^{-2}$	T2 $ms V^{-1}$	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
x	7.6	54.38	32.90	4.48	0.00	4.90	0.72	0.00	1.00
y	8.6	63.62	34.49	2.46	0.00	4.90	0.00	0.07	1.00
z	8.7	62.18	32.80	5.29	0.00	4.90	0.75	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-34.8°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	12 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

Note: Measurement distance from surface can be increased to 3–4 mm for an Area Scan job.

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Parameters of Probe: EX3DV4 - SN:7804

Calibration Parameter Determined in HSL

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc ^H (k = 2)
450	43.5	0.87	11.09	11.09	11.09	0.16	1.30	±13.3%
600	42.7	0.88	10.00	10.00	10.00	0.10	1.25	±13.3%
750	41.9	0.89	9.69	9.71	9.41	0.39	1.27	±11.0%
835	41.5	0.90	9.38	9.40	9.10	0.39	1.27	±11.0%
900	41.5	0.97	9.33	9.35	9.06	0.39	1.27	±11.0%
1100	41.2	1.06	8.63	8.65	8.38	0.39	1.27	±11.0%
1300	40.8	1.14	8.02	8.04	7.78	0.39	1.27	±11.0%
1450	40.5	1.20	8.00	8.02	7.77	0.39	1.27	±11.0%
1640	40.2	1.31	7.86	7.88	7.64	0.38	1.27	±11.0%
1750	40.1	1.37	8.00	8.03	7.77	0.38	1.27	±11.0%
1810	40.0	1.40	7.92	7.94	7.69	0.38	1.27	±11.0%
1900	40.0	1.40	7.59	7.61	7.37	0.38	1.27	±11.0%
1950	40.0	1.40	7.51	7.53	7.29	0.38	1.27	±11.0%
2000	40.0	1.40	7.58	7.60	7.36	0.38	1.27	±11.0%
2100	39.8	1.49	7.60	7.62	7.38	0.38	1.27	±11.0%
2300	39.5	1.67	7.43	7.45	7.22	0.38	1.27	±11.0%
2450	39.2	1.80	7.24	7.25	7.03	0.38	1.27	±11.0%
2550	39.1	1.91	7.19	7.21	6.98	0.37	1.27	±11.0%
2600	39.0	1.96	7.16	7.18	6.95	0.37	1.27	±11.0%
3300	38.2	2.71	6.45	6.47	6.27	0.37	1.27	±13.1%
3500	37.9	2.91	6.40	6.41	6.21	0.36	1.27	±13.1%
3700	37.7	3.12	6.40	6.42	6.22	0.36	1.27	±13.1%
3900	37.5	3.32	6.45	6.47	6.26	0.36	1.27	±13.1%
4100	37.2	3.53	6.26	6.28	6.08	0.36	1.27	±13.1%
4200	37.1	3.63	6.08	6.10	5.91	0.36	1.27	±13.1%
4400	36.9	3.84	6.21	6.23	6.03	0.36	1.27	±13.1%
4600	36.7	4.04	6.05	6.07	5.88	0.35	1.27	±13.1%
4800	36.4	4.25	6.05	6.07	5.88	0.35	1.27	±13.1%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

^F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

^H The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.



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Calibration Parameter Determined in HSL

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc ^H (k = 2)
4950	36.3	4.40	5.89	5.90	5.72	0.34	1.27	±13.1%
5200	36.0	4.66	5.35	5.36	5.20	0.32	1.27	±13.1%
5300	35.9	4.76	5.48	5.49	5.32	0.31	1.27	±13.1%
5500	35.6	4.96	5.04	5.06	4.90	0.29	1.27	±13.1%
5600	35.5	5.07	5.00	5.02	4.86	0.28	1.27	±13.1%
5800	35.3	5.27	5.02	5.03	4.87	0.26	1.27	±13.1%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–8 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

^F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

^H The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.



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Parameters of Probe: EX3DV4 - SN:7804

Calibration Parameter Determined in HSL

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc ^H (k = 2)
6500	34.5	6.07	5.52	5.54	5.36	0.20	1.27	±18.6%

^C Frequency validity is -600/+700 MHz at 6.5 GHz, ±700 MHz at or above 7 GHz, and ±150 MHz at 9.85 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

^F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

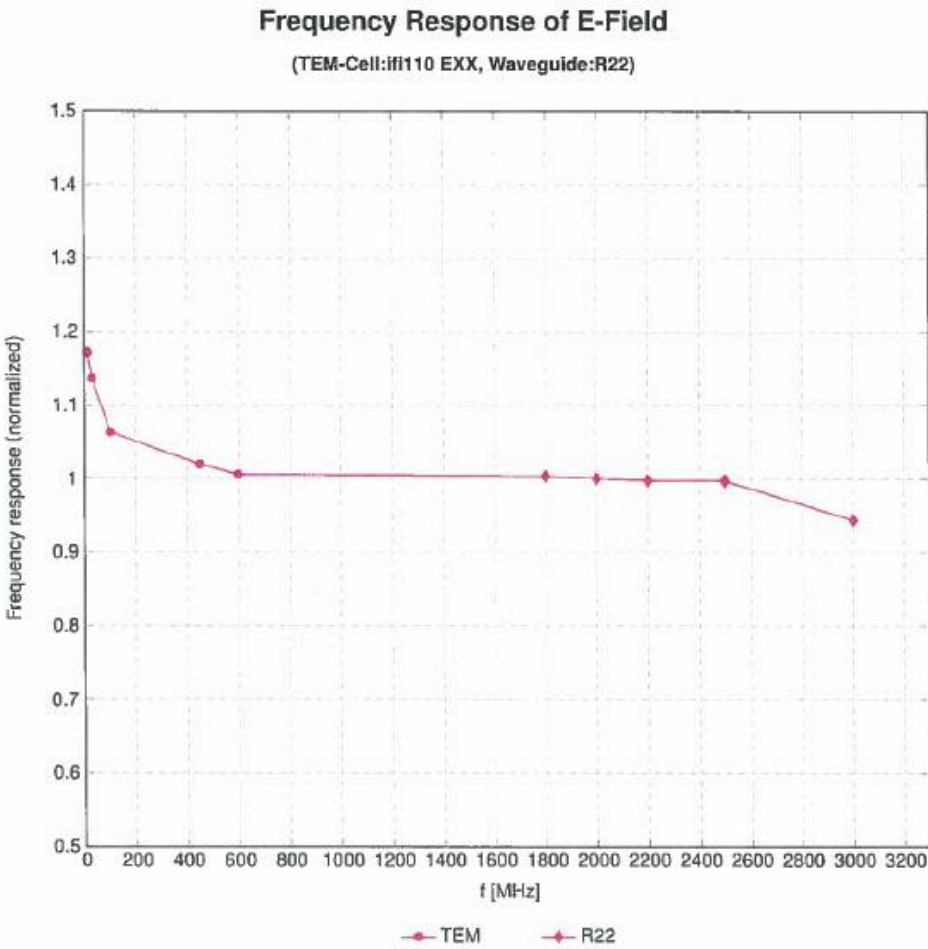
^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3–6 GHz; and below ±4% for frequencies between 6–10 GHz at any distance larger than half the probe tip diameter from the boundary.

^H The stated uncertainty is the total calibration uncertainty (k = 2) of Norm ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.



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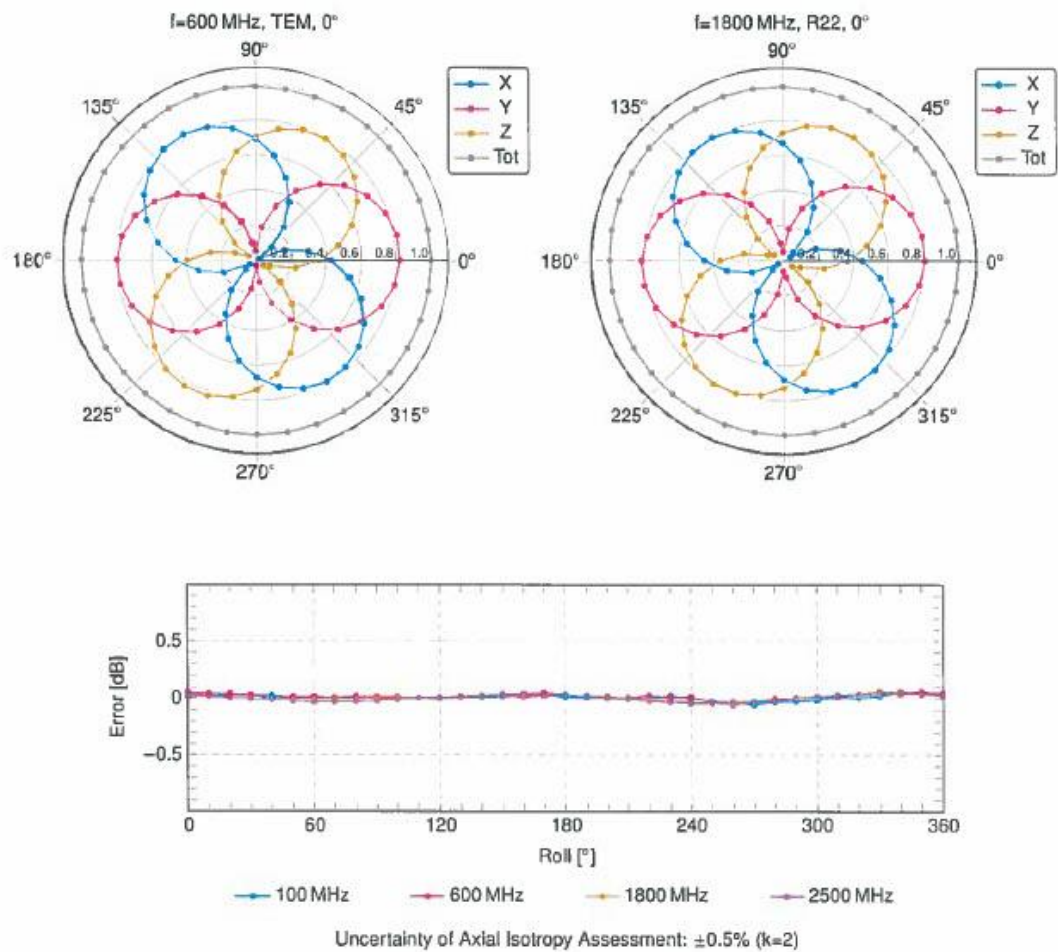
Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ (k=2)



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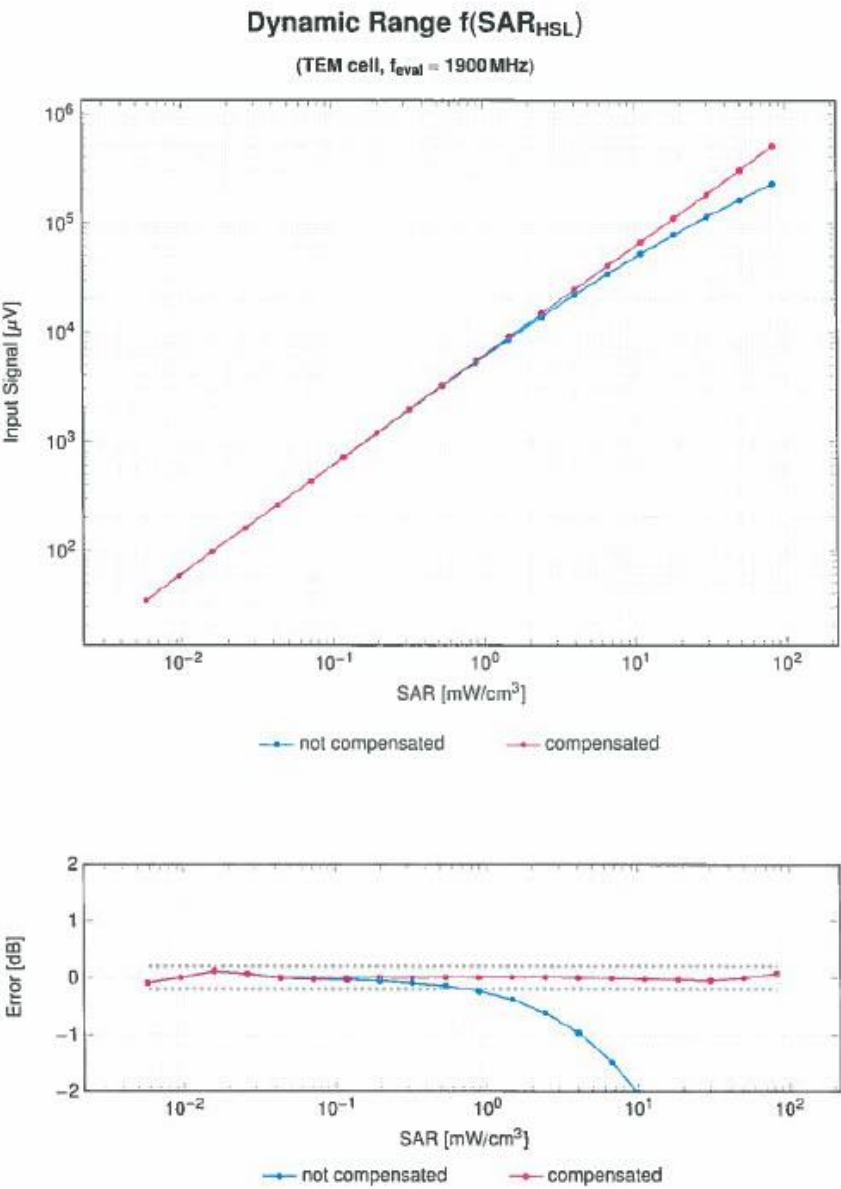
Receiving Pattern (ϕ), $\theta = 0^\circ$





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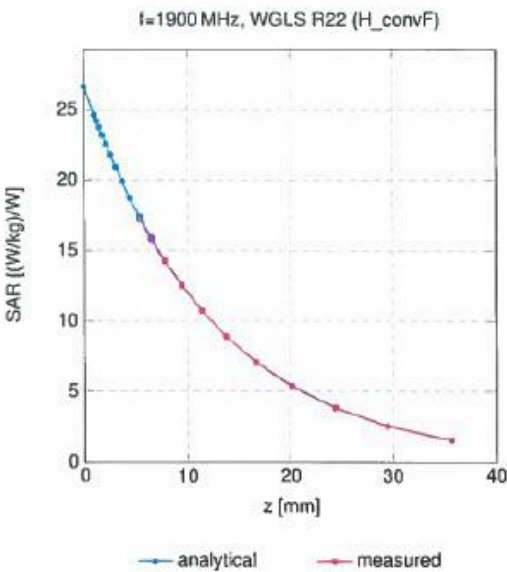




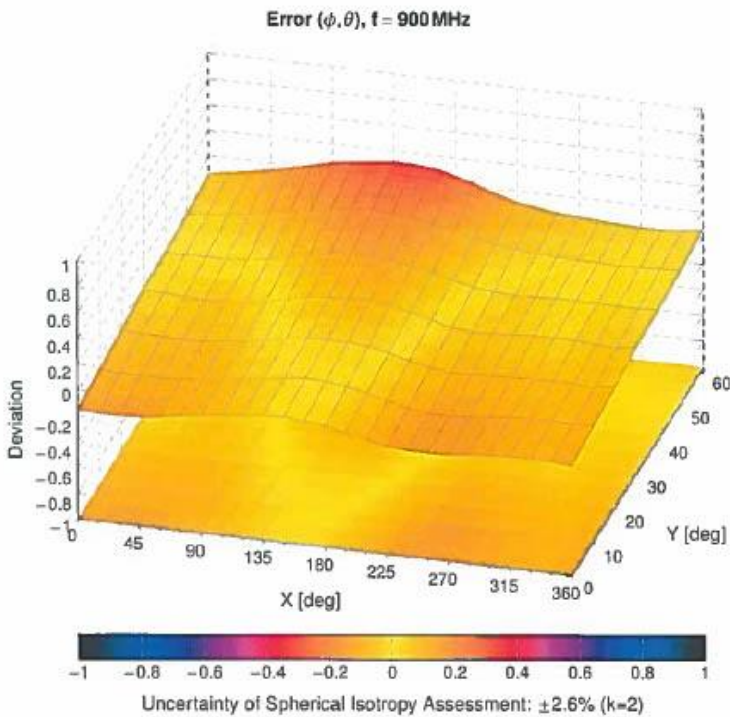
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Conversion Factor Assessment



Deviation from Isotropy in Liquid





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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^k k = 2
0		CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	6.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10082	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10083	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10084	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10085	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10086	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10087	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10088	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10089	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.60	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6



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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^F k = 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAE	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAE	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.85	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.80	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAQ	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAE	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
10196	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10197	CAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAE	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAE	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAE	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAE	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10222	CAE	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
10223	CAE	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
10224	CAE	IEEE 802.11n (HT Mixed, 160 Mbps, 64-QAM)	WLAN	8.08	±9.6



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10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.43	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10274	CAC	UMTS-FDD (HSPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Roll-off 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Roll-off 0.38)	PHS	12.16	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10301	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WiMAX	12.57	±9.6
10303	AAA	IEEE 802.16e WiMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	12.52	±9.6
10304	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	11.86	±9.6
10305	AAA	IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WiMAX	15.24	±9.6
10306	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	±9.6



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10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.56	±9.6
10310	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	IDEN 1:3	IDEN	10.51	±9.6
10314	AAA	IDEN 1:5	IDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAE	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 50%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10395	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAF	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAF	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAF	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preamble)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble)	WLAN	8.19	±9.6
10422	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAD	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAD	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAD	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10471	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6



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10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10535	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10537	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
10540	AAD	IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6



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10541	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.66	±9.6
10562	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.75	±9.6
10589	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10607	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10608	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6



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10609	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAD	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAD	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAD	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.86	±9.6
10625	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAD	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10638	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.66	±9.6
10639	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.88	±9.6
10641	AAE	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.05	±9.6
10642	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.95	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.95	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.95	±9.6
10655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10656	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.53	±9.6
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6



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10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.89	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.86	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6



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10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.50	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10767	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAF	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
10780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10786	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10788	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAF	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
10820	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10827	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6



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10829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
10837	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
10844	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10856	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10860	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAF	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAF	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.79	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
10889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10897	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10900	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAE	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6