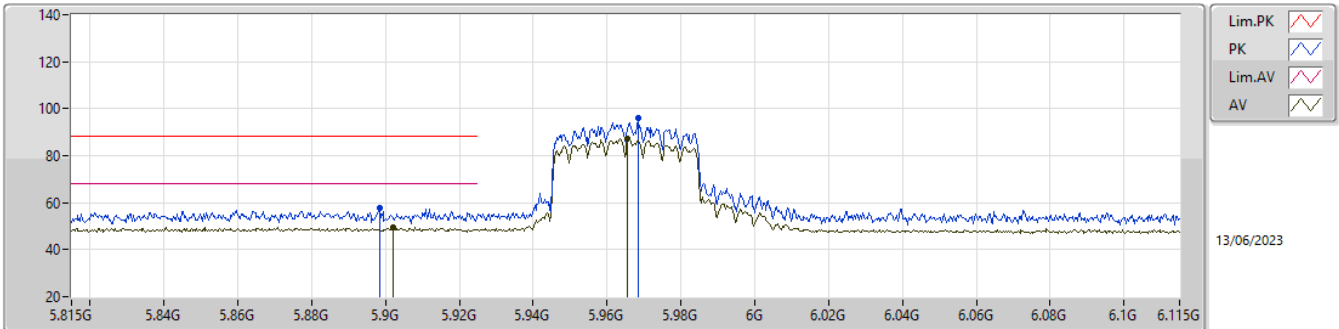


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

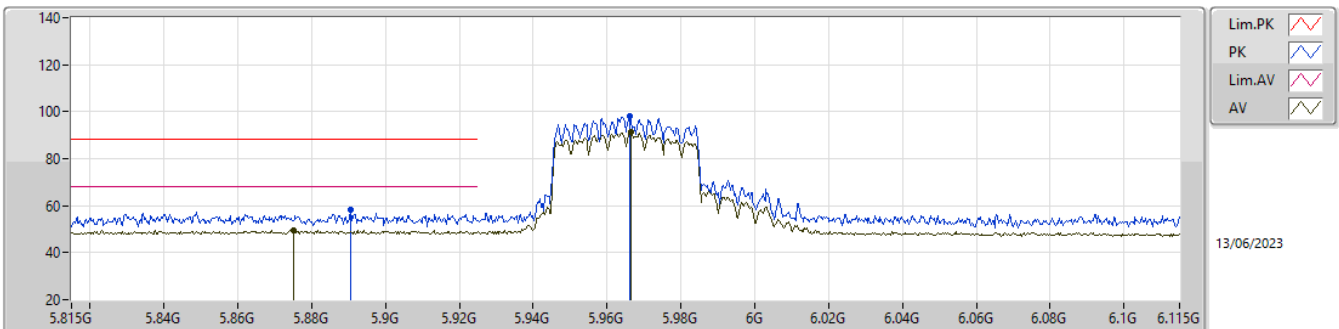
5965MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.902G	49.62	68.20	-18.58	5.62	3	Vertical	9	2.93	44.00	34.30	5.85	34.53
AV	5.965G	87.14	Inf	-Inf	5.52	3	Vertical	9	2.93	81.62	34.17	5.87	34.52
PK	5.8984G	57.61	88.20	-30.59	5.60	3	Vertical	9	2.93	52.01	34.29	5.84	34.53
PK	5.9683G	95.84	Inf	-Inf	5.52	3	Vertical	9	2.93	90.32	34.16	5.88	34.52

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

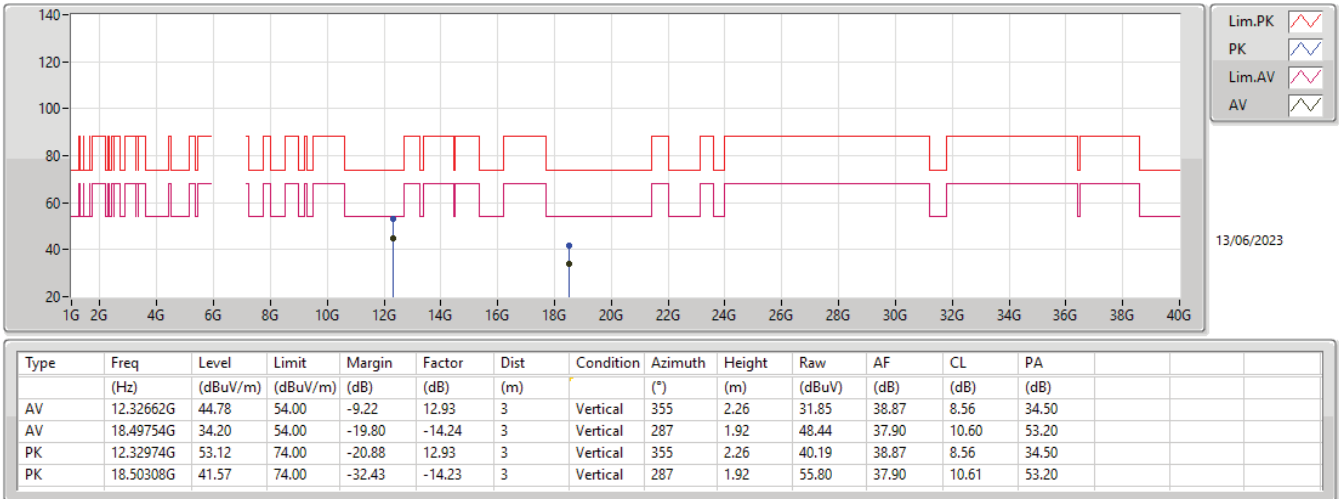
5965MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.875G	49.46	68.20	-18.74	5.50	3	Horizontal	40	1.00	43.96	34.20	5.83	34.53
AV	5.965G	91.18	Inf	-Inf	5.52	3	Horizontal	40	1.00	85.66	34.17	5.87	34.52
PK	5.8906G	58.22	88.20	-29.98	5.57	3	Horizontal	40	1.00	52.65	34.26	5.84	34.53
PK	5.9662G	98.19	Inf	-Inf	5.52	3	Horizontal	40	1.00	92.67	34.17	5.87	34.52

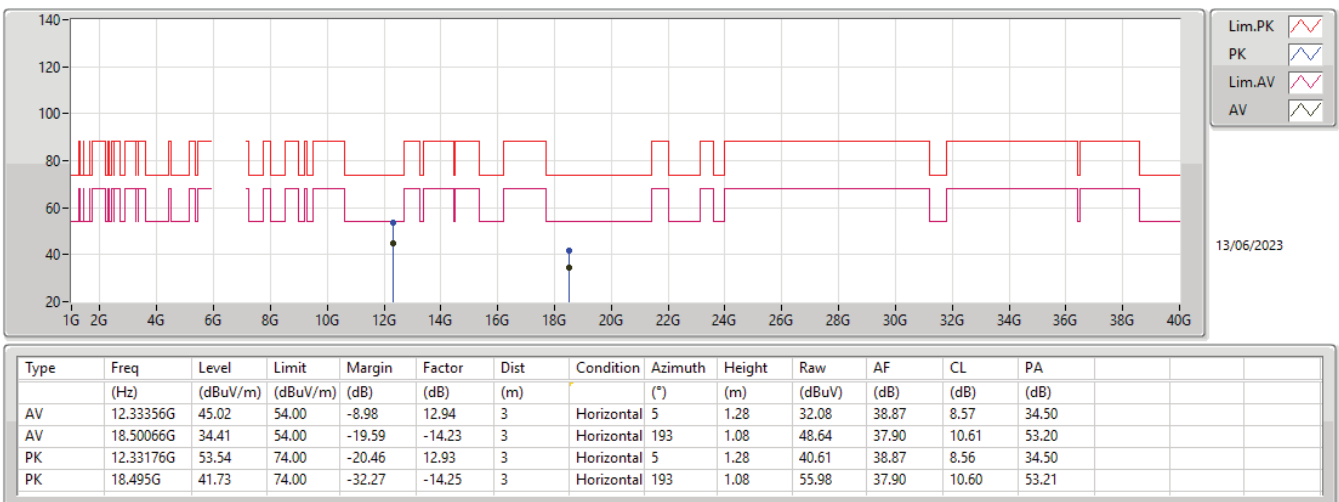
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6165MHz_TX



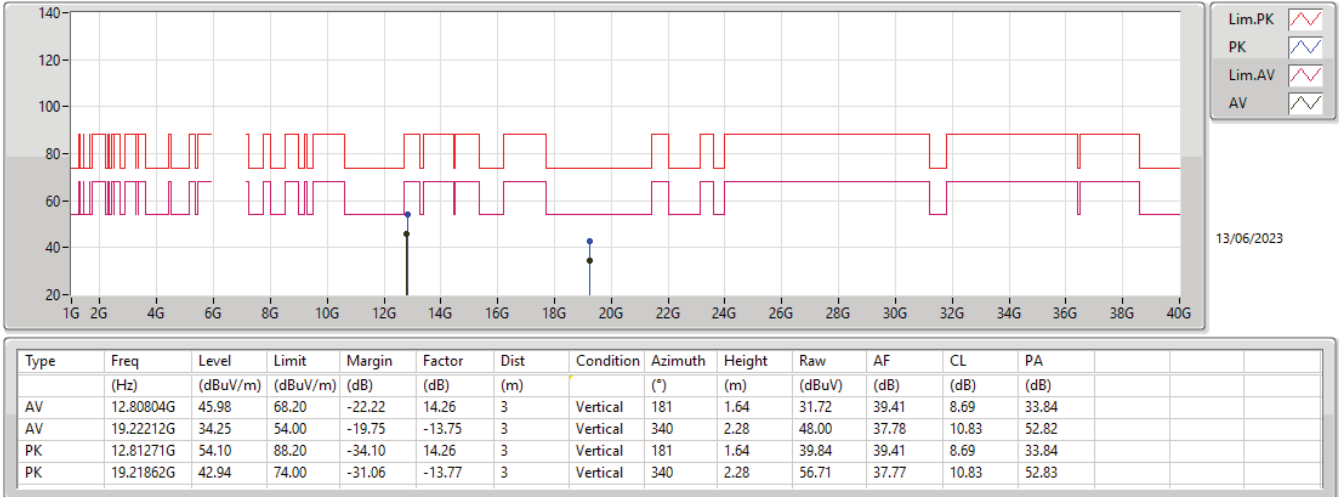
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6165MHz_TX



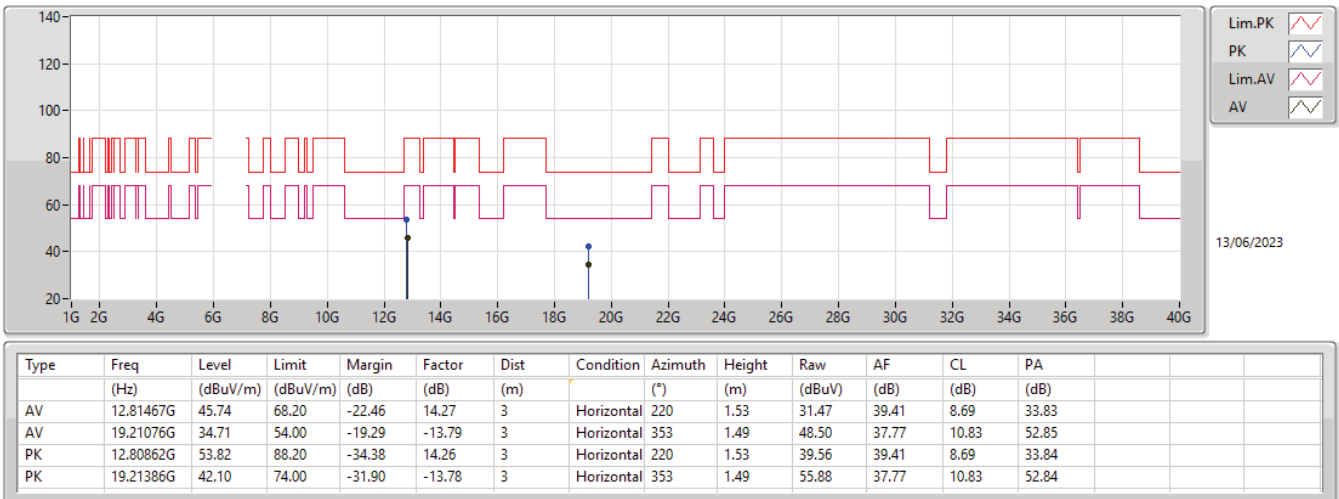
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6405MHz_TX



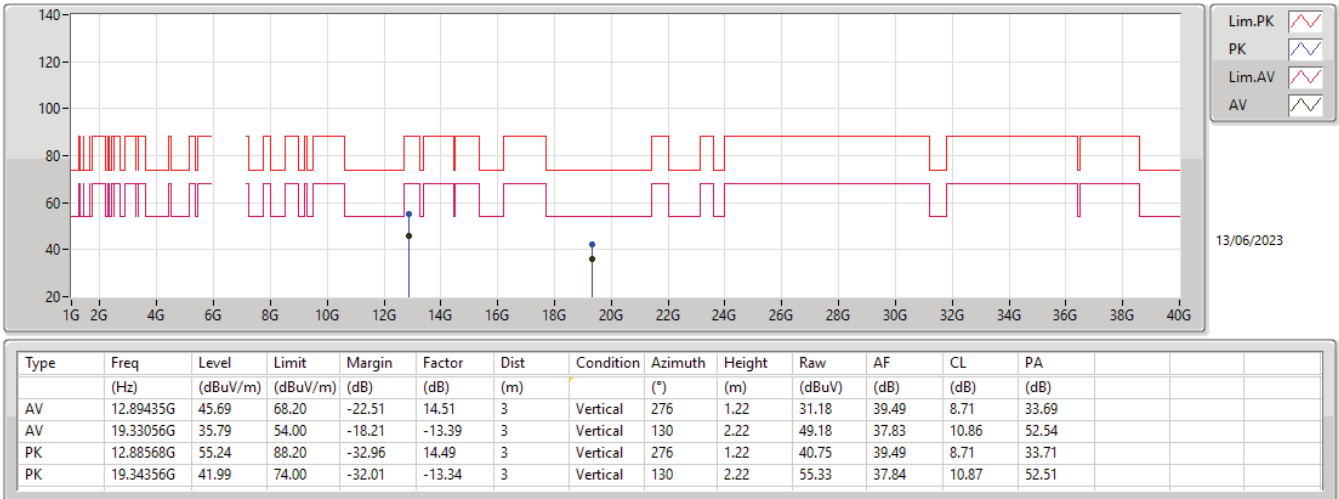
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6405MHz_TX



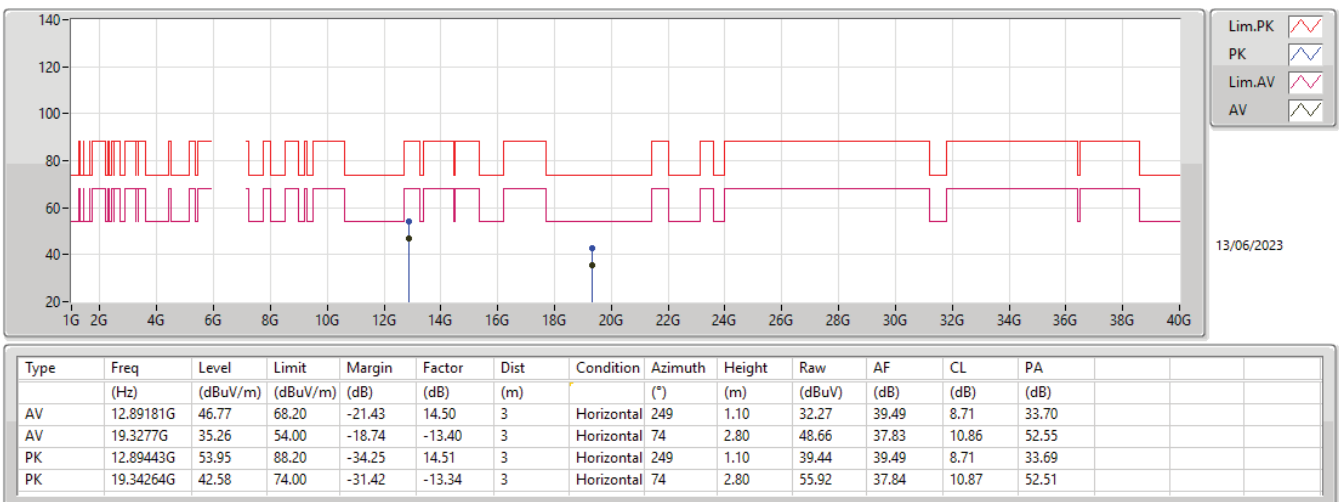
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6445MHz_TX



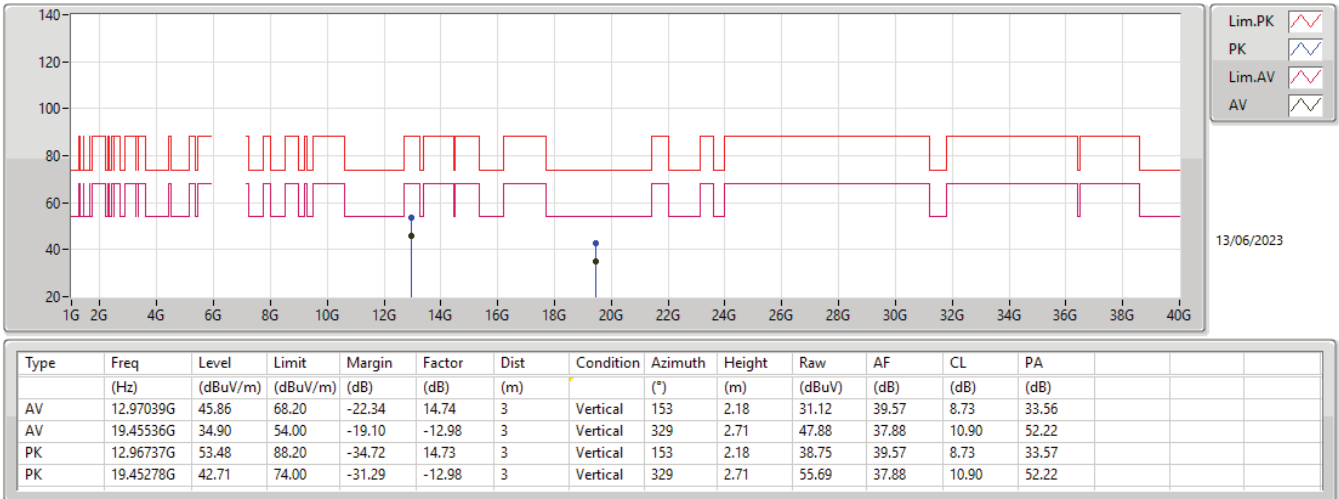
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6445MHz_TX



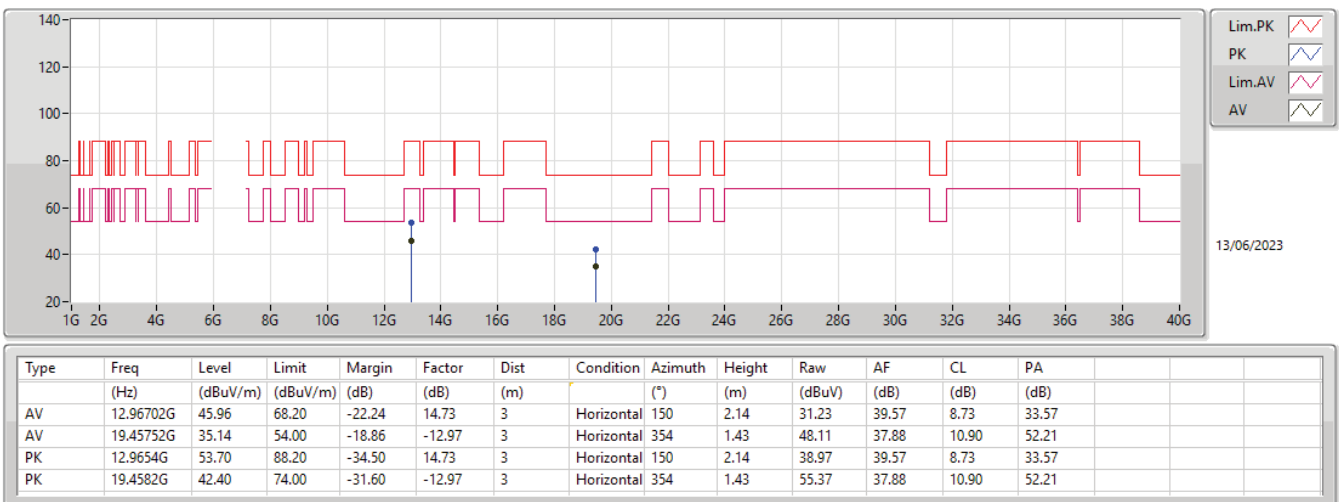
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6485MHz_TX



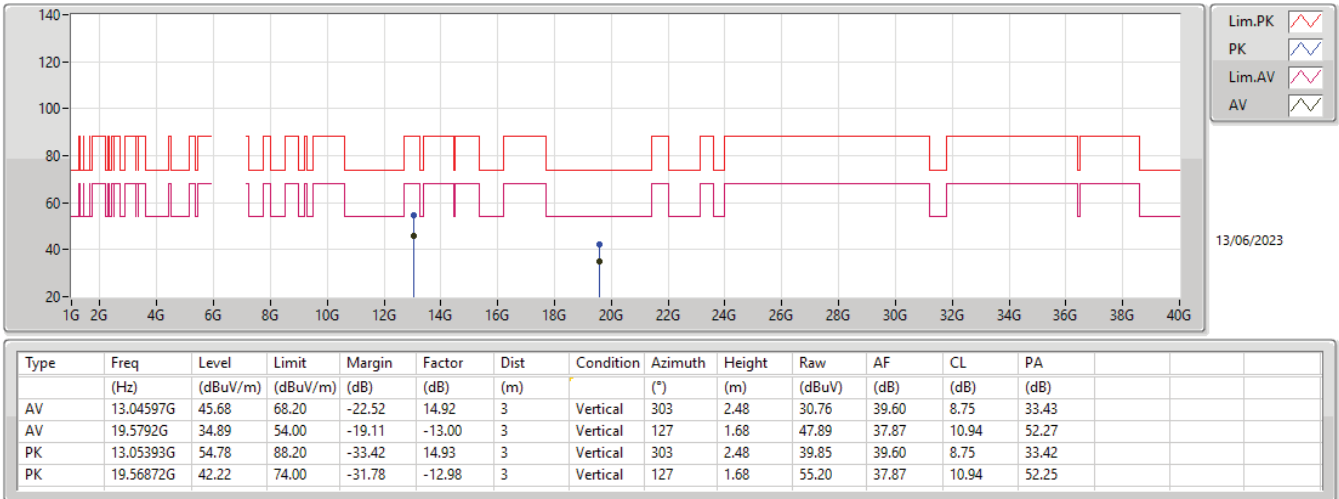
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6485MHz_TX



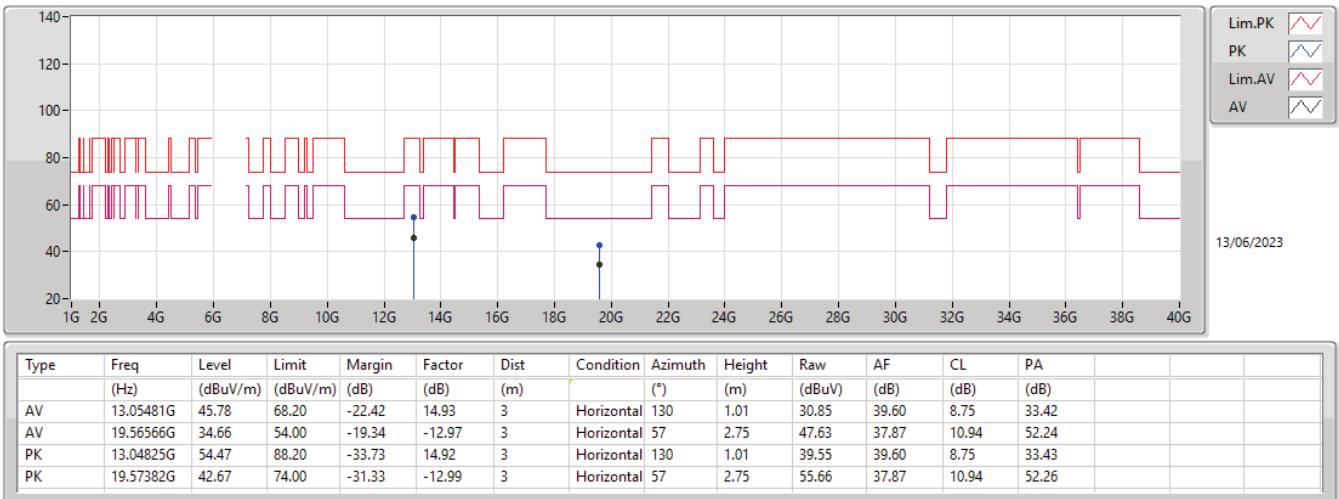
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6525MHz_TX



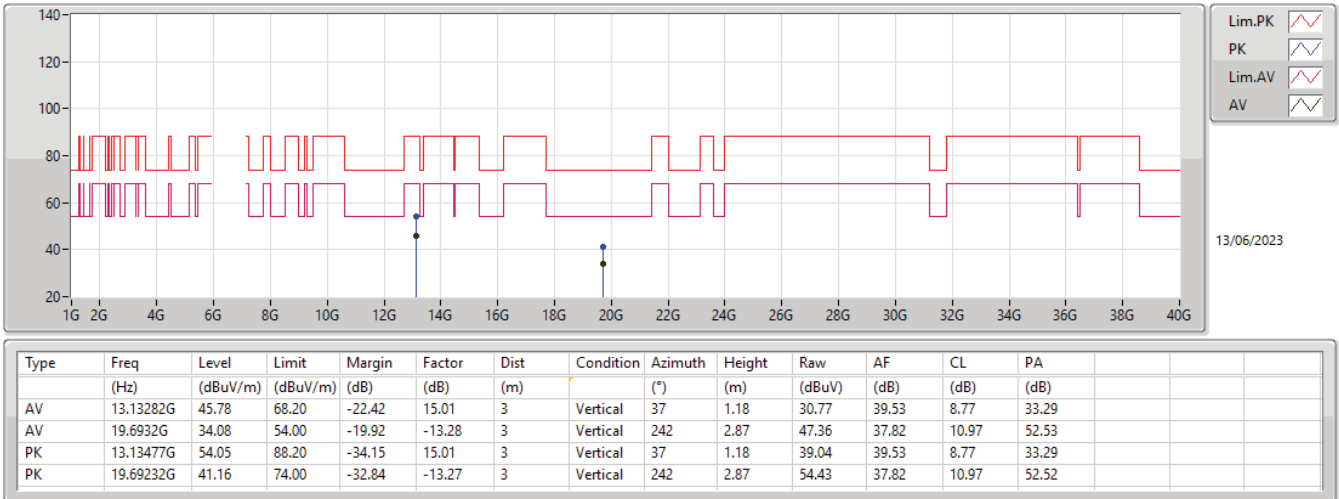
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6525MHz_TX



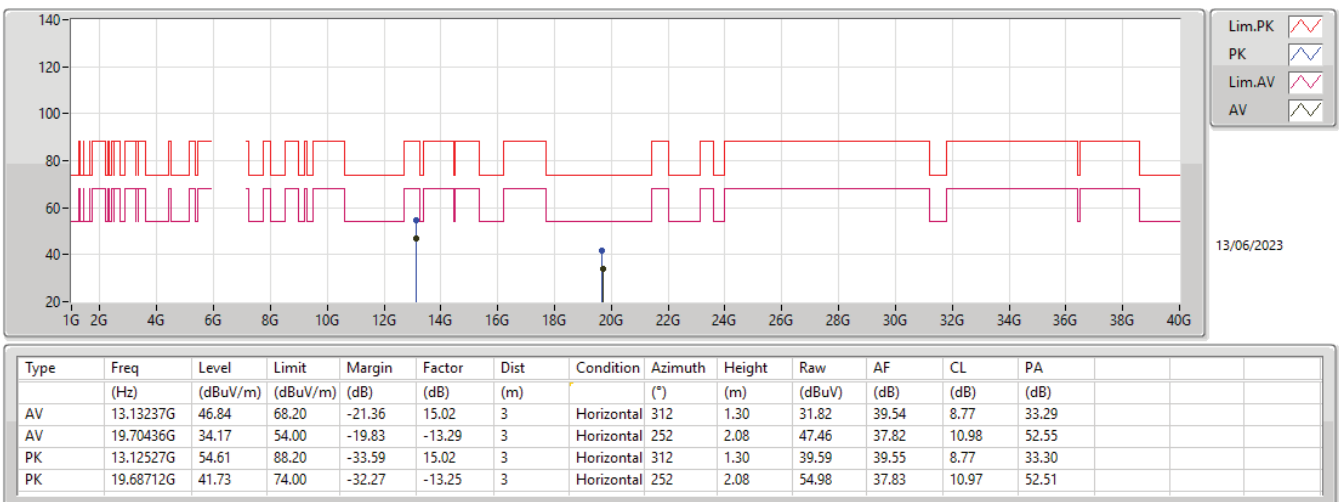
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6565MHz_TX



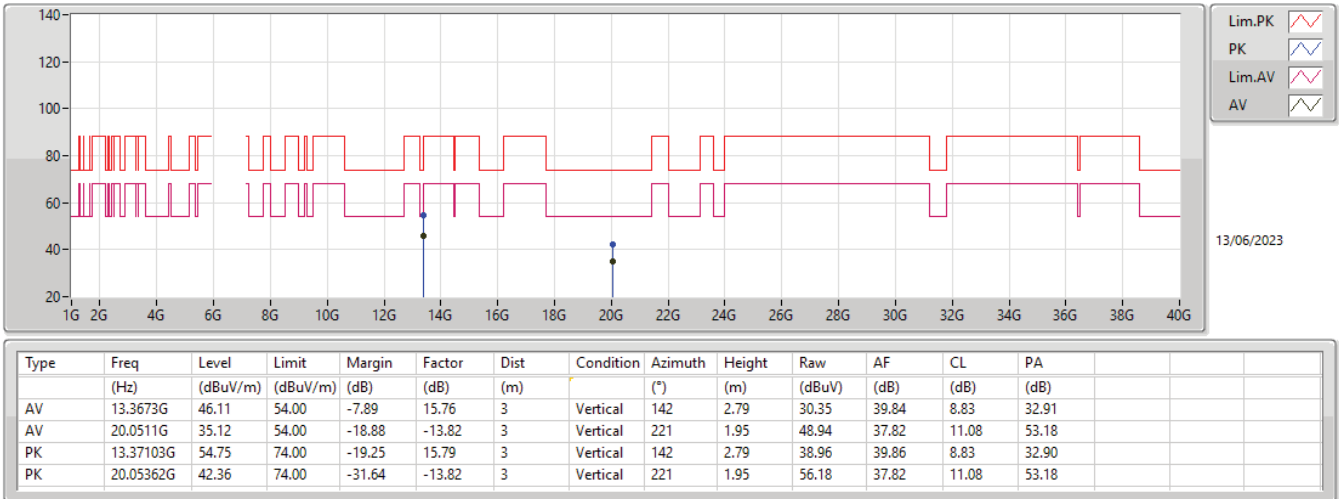
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6565MHz_TX



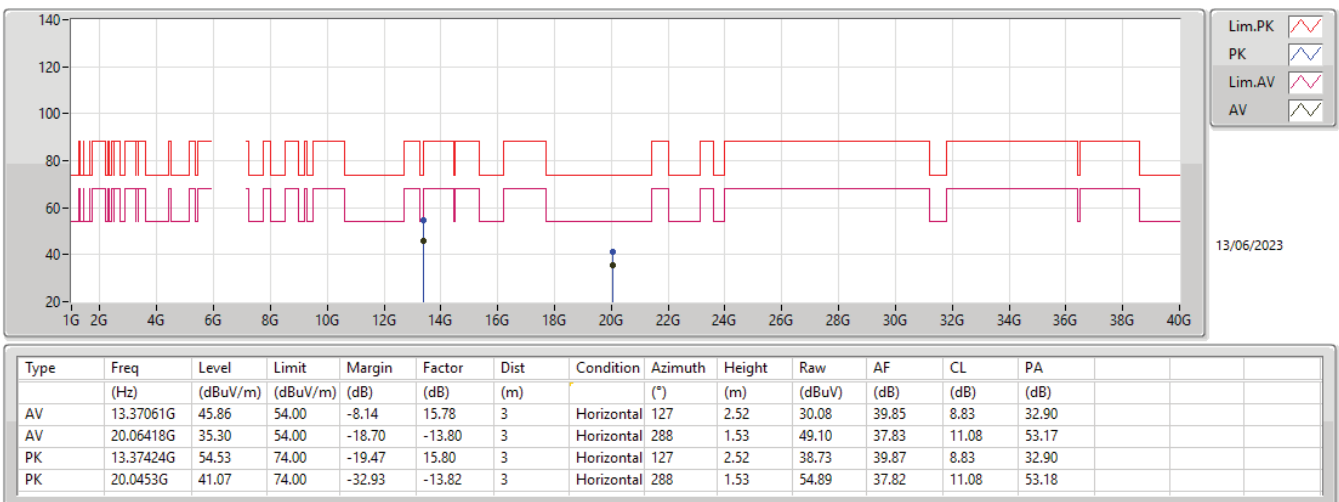
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6685MHz_TX



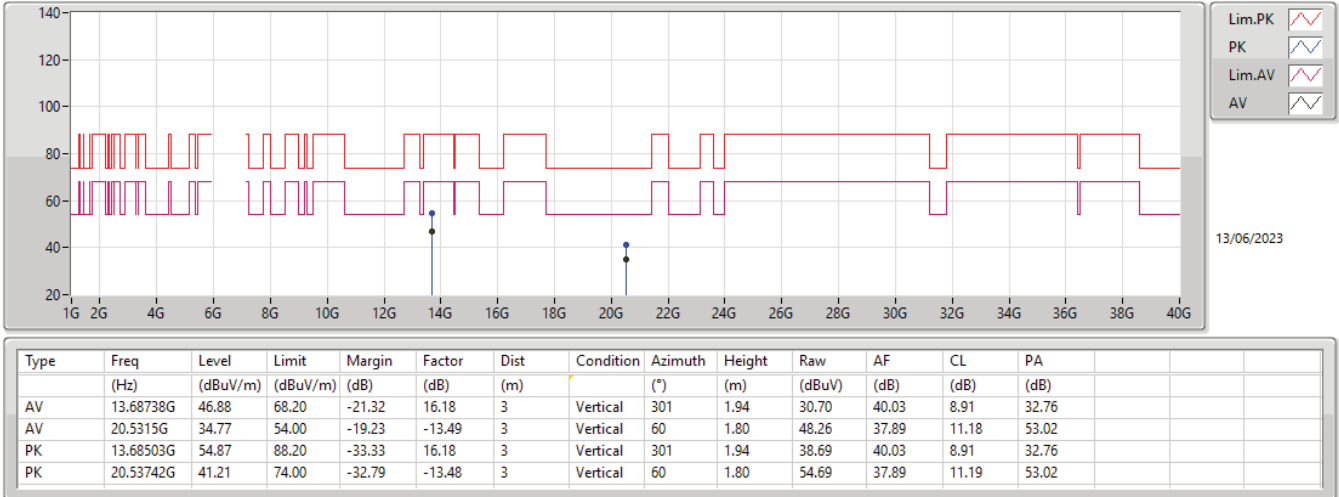
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6685MHz_TX



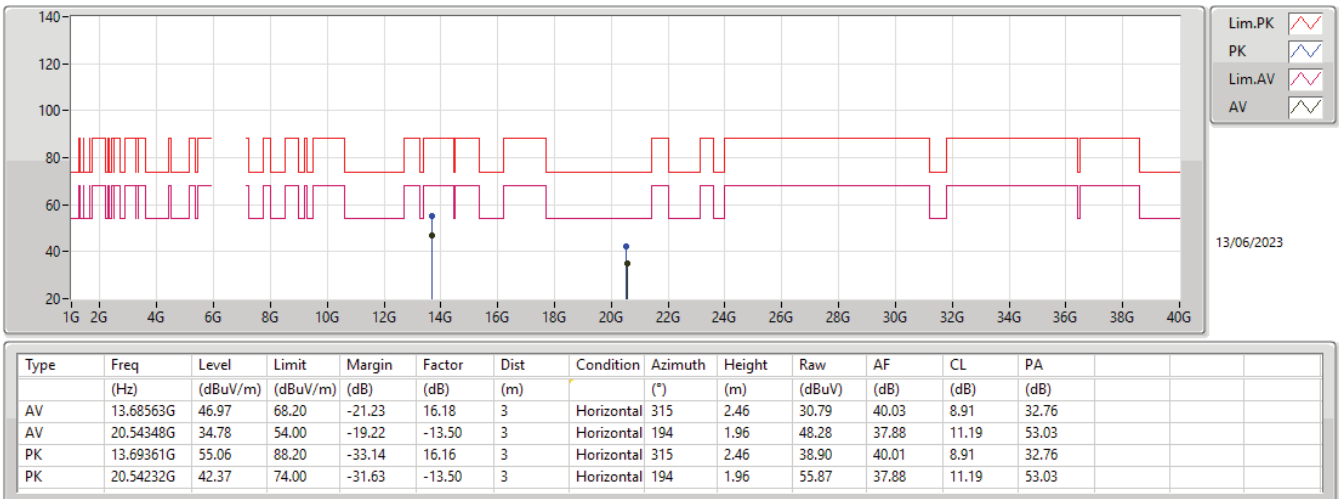
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6845MHz_TX



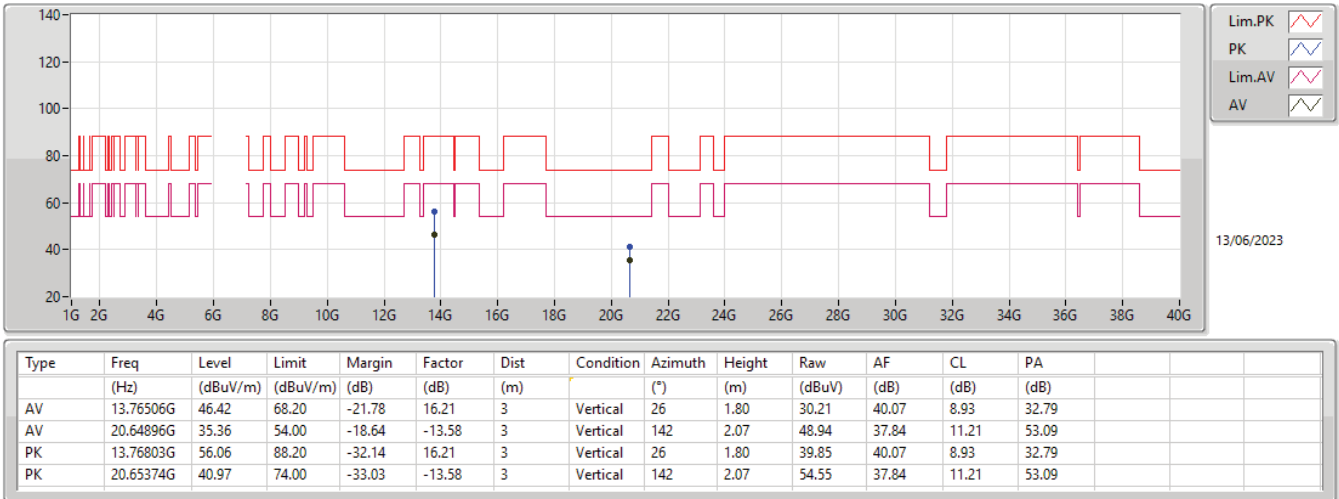
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6845MHz_TX



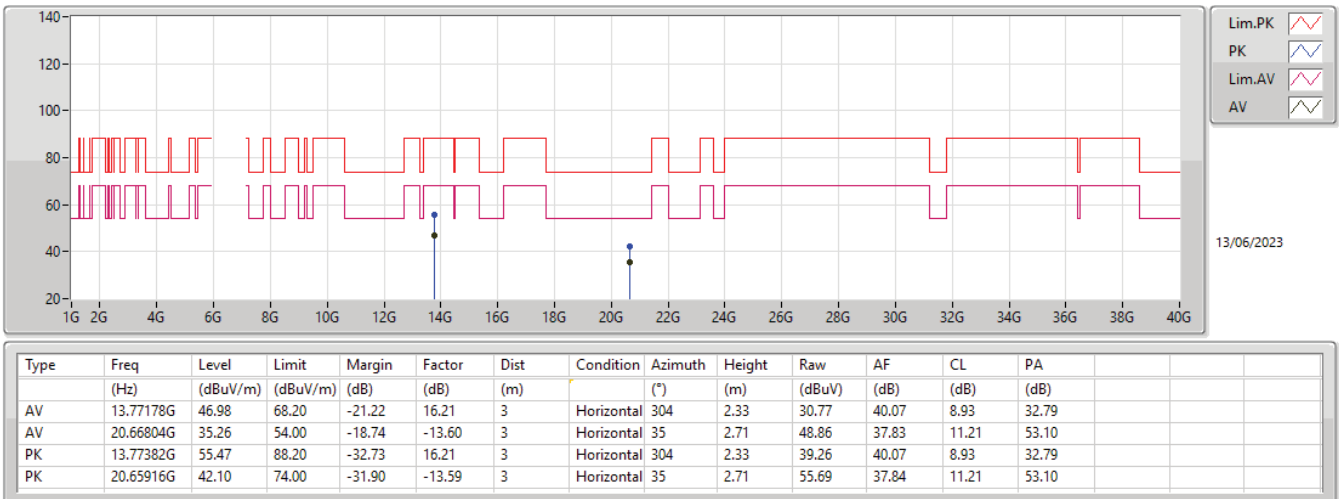
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6885MHz_TX



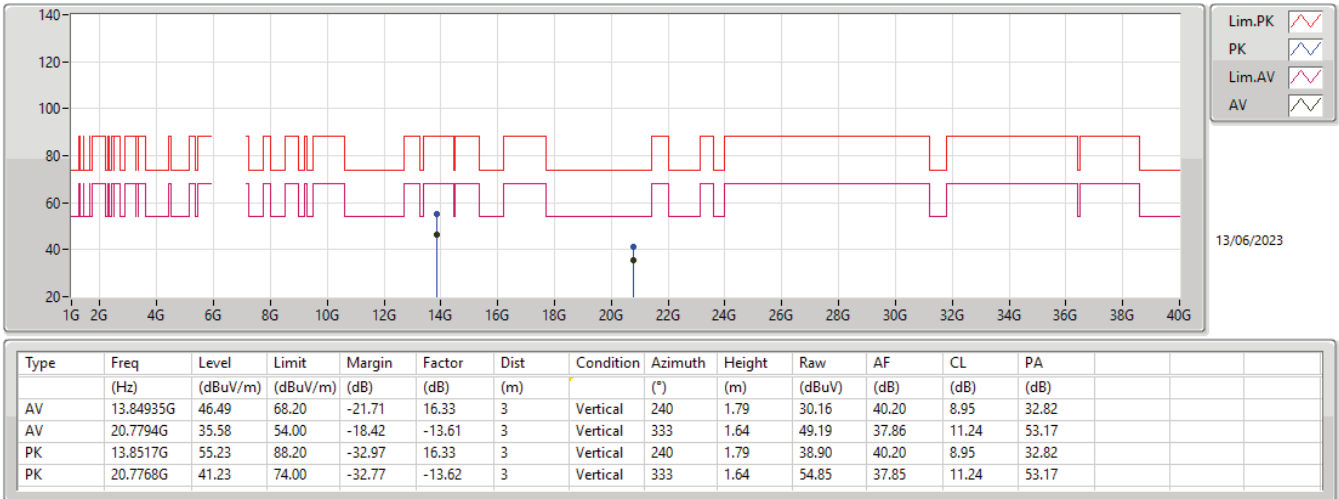
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6885MHz_TX



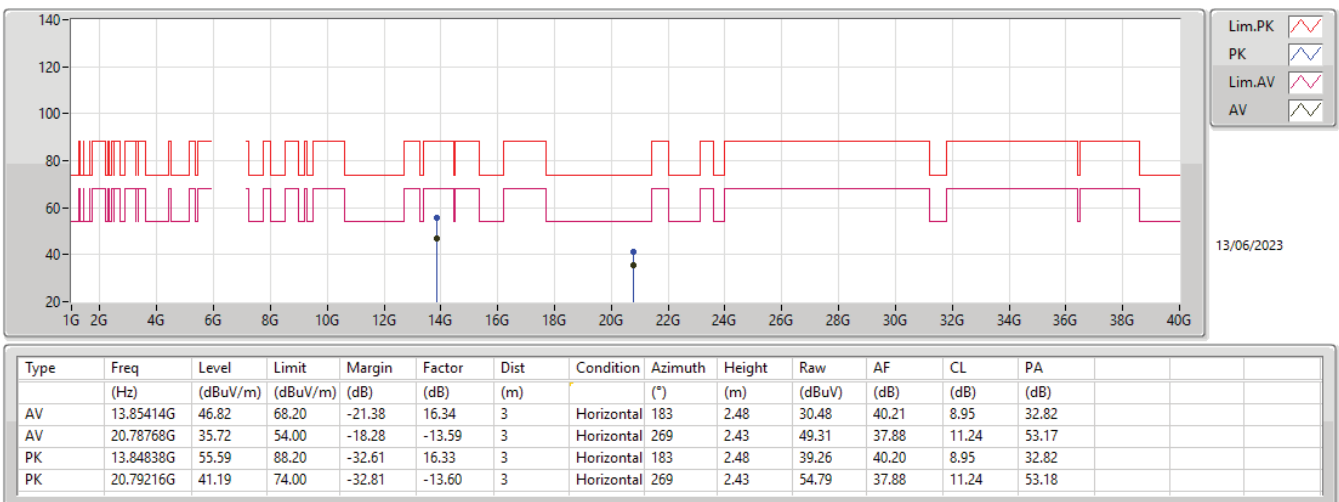
6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6925MHz_TX



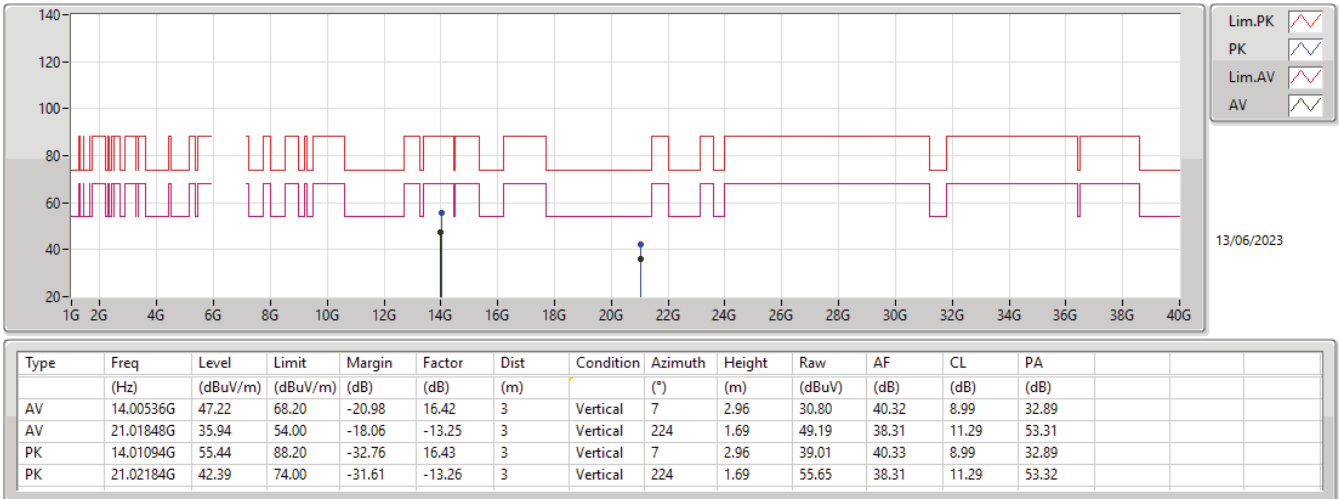
6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6925MHz_TX



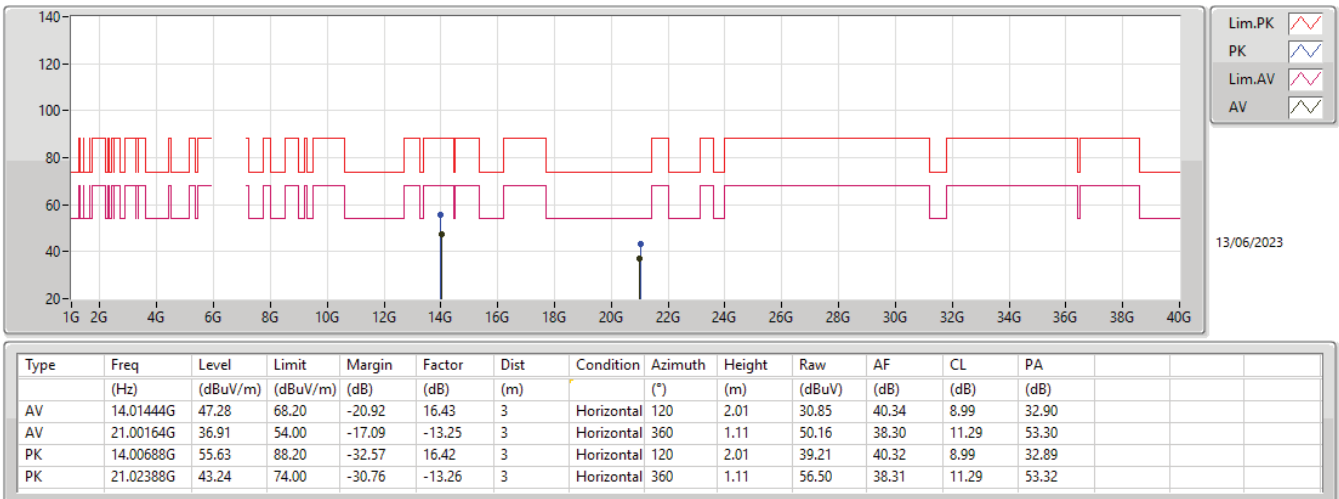
6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7005MHz_TX



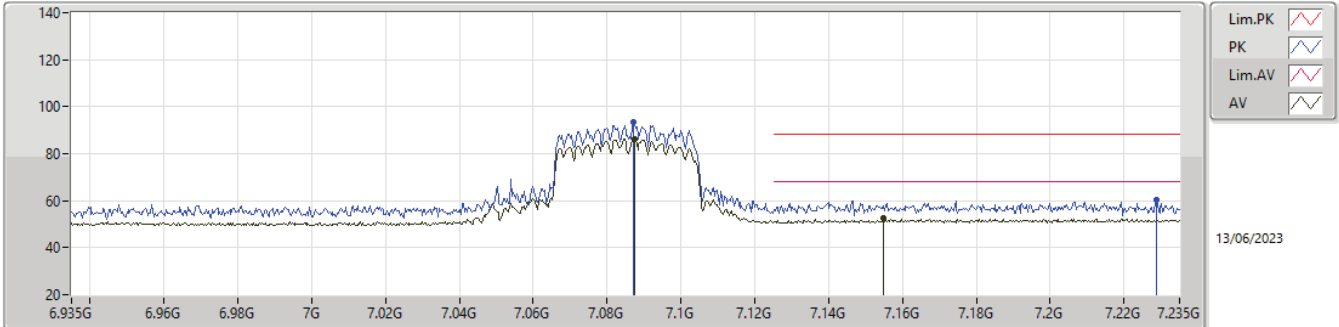
6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7005MHz_TX



6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

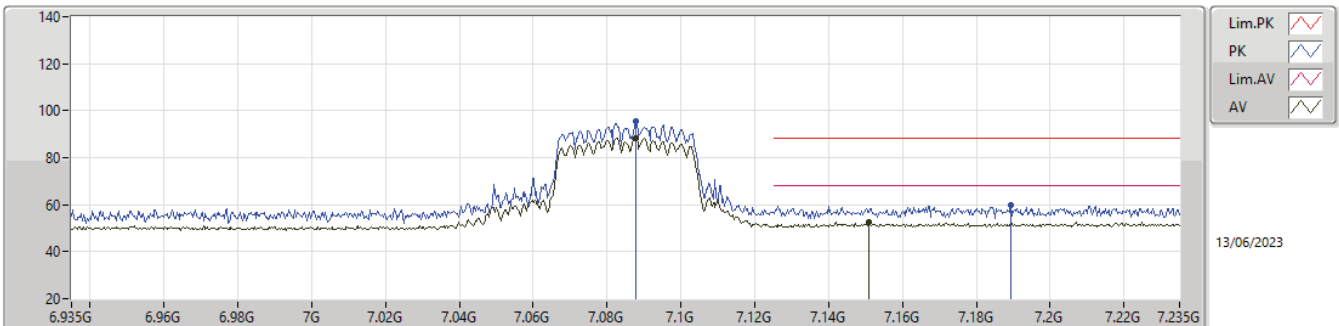
7085MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	7.0874G	86.26	Inf	-Inf	7.98	3	Vertical	10	2.97	78.28	36.22	6.51	34.75
AV	7.1549G	52.41	68.20	-15.79	8.51	3	Vertical	10	2.97	43.90	36.71	6.56	34.76
PK	7.0871G	93.43	Inf	-Inf	7.98	3	Vertical	10	2.97	85.45	36.22	6.51	34.75
PK	7.2287G	60.19	88.20	-28.01	8.63	3	Vertical	10	2.97	51.56	36.80	6.60	34.77

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

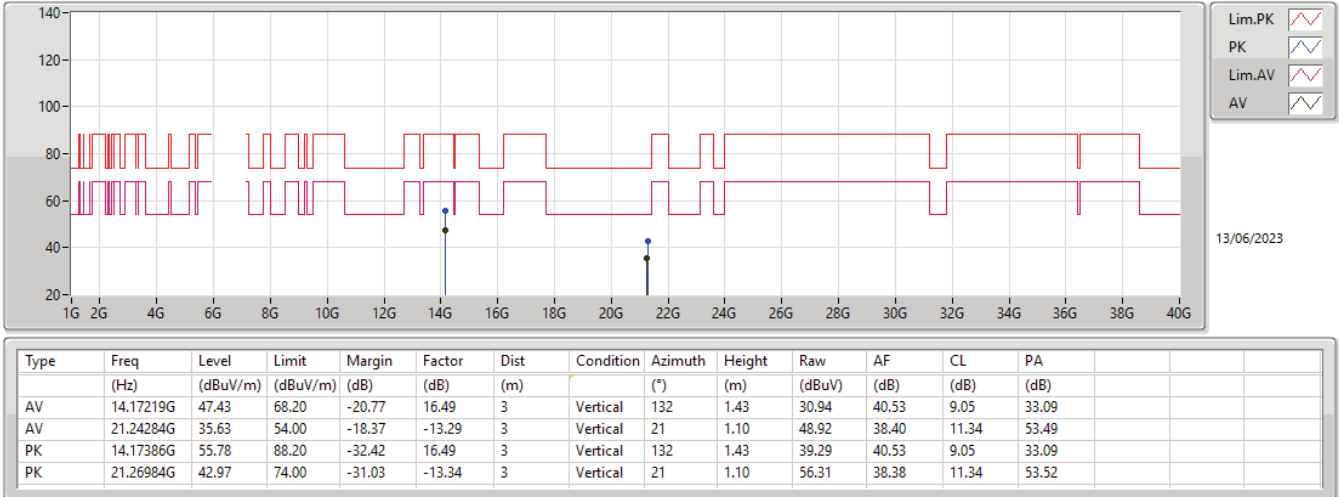
7085MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	7.0877G	88.37	Inf	-Inf	7.99	3	Horizontal	326	1.06	80.38	36.23	6.51	34.75
AV	7.151G	52.56	68.20	-15.64	8.50	3	Horizontal	326	1.06	44.06	36.70	6.56	34.76
PK	7.0877G	95.41	Inf	-Inf	7.99	3	Horizontal	326	1.06	87.42	36.23	6.51	34.75
PK	7.1894G	59.62	88.20	-28.58	8.60	3	Horizontal	326	1.06	51.02	36.78	6.58	34.76

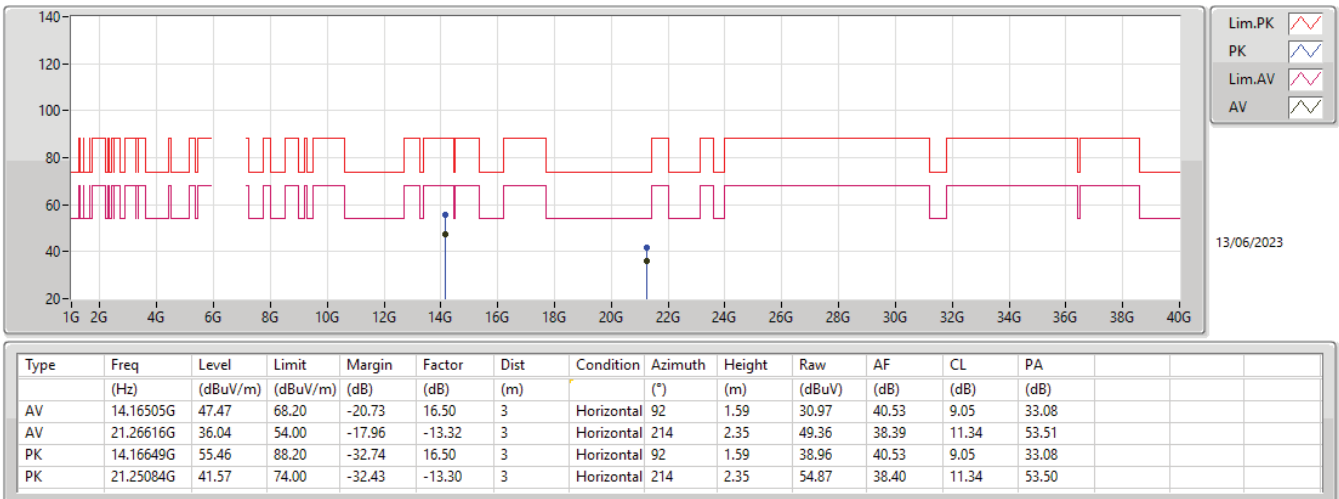
6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7085MHz_TX



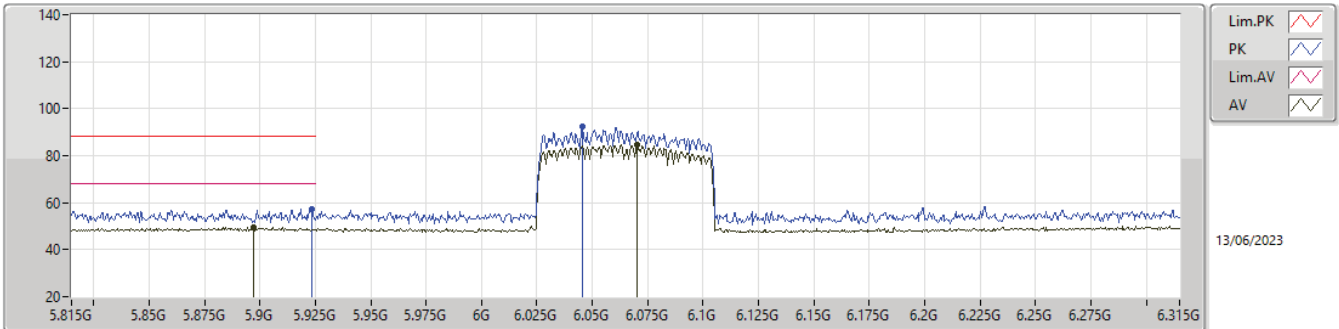
6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7085MHz_TX



5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

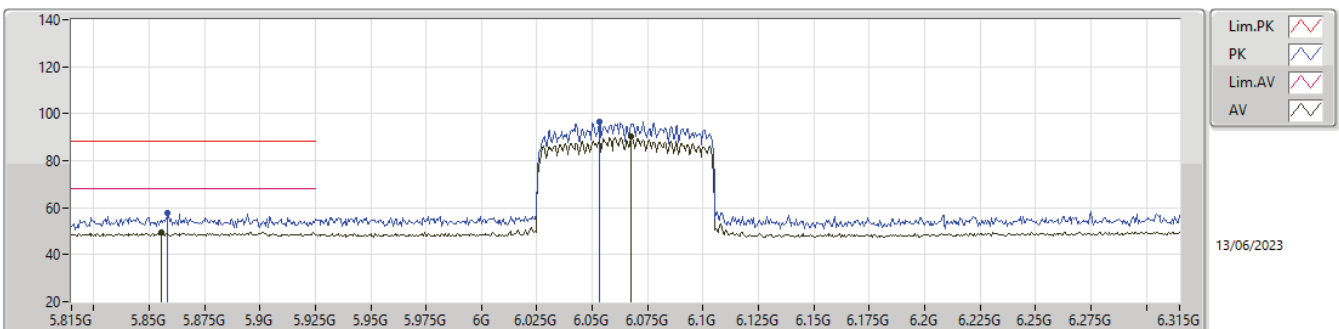
6065MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.897G	49.41	68.20	-18.79	5.60	3	Vertical	347	3.00	43.81	34.29	5.84	34.53
AV	6.07G	84.52	Inf	-Inf	5.49	3	Vertical	347	3.00	79.03	34.06	5.94	34.51
PK	5.9235G	57.06	88.20	-31.14	5.58	3	Vertical	347	3.00	51.48	34.25	5.86	34.53
PK	6.0455G	92.31	Inf	-Inf	5.50	3	Vertical	347	3.00	86.81	34.10	5.92	34.52

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

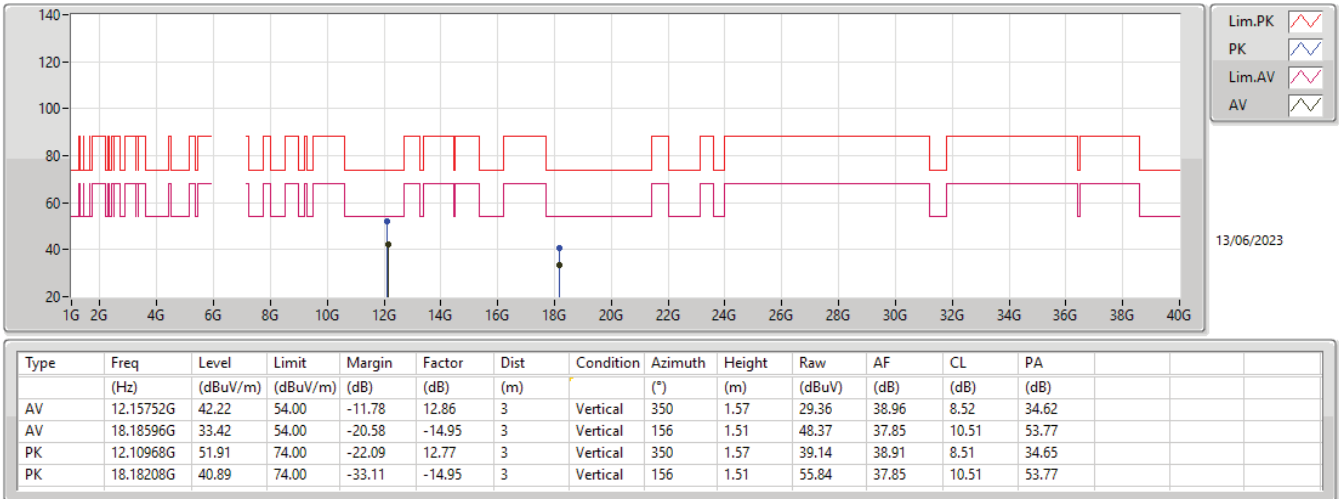
6065MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.8555G	49.50	68.20	-18.70	5.41	3	Horizontal	44	1.00	44.09	34.12	5.82	34.53
AV	6.0675G	90.47	Inf	-Inf	5.50	3	Horizontal	44	1.00	84.97	34.07	5.94	34.51
PK	5.8585G	57.69	88.20	-30.51	5.43	3	Horizontal	44	1.00	52.26	34.13	5.83	34.53
PK	6.053G	96.70	Inf	-Inf	5.51	3	Horizontal	44	1.00	91.19	34.09	5.93	34.51

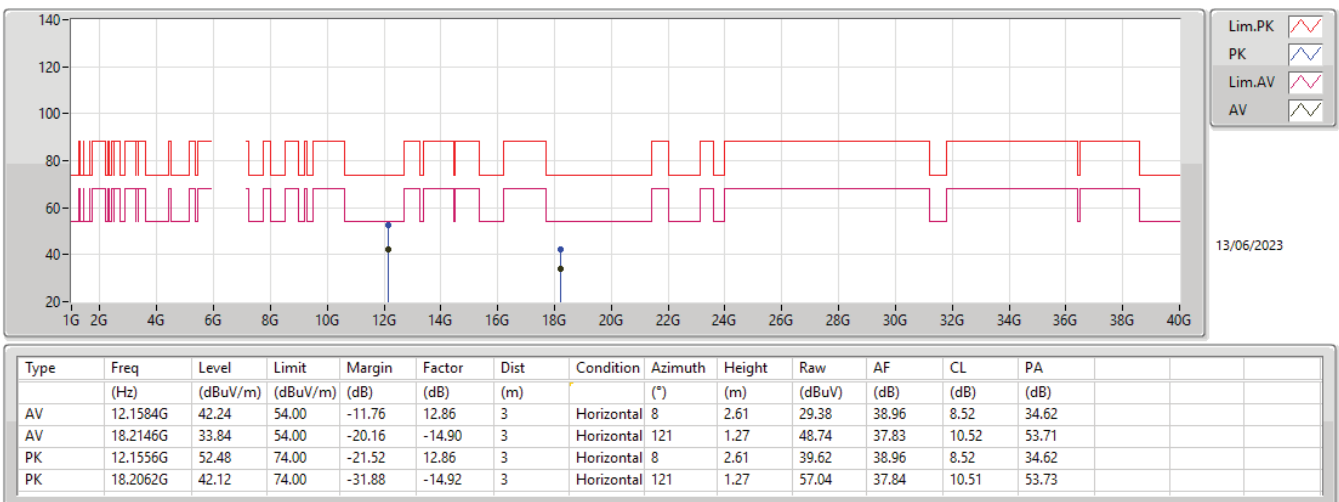
5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6065MHz_TX



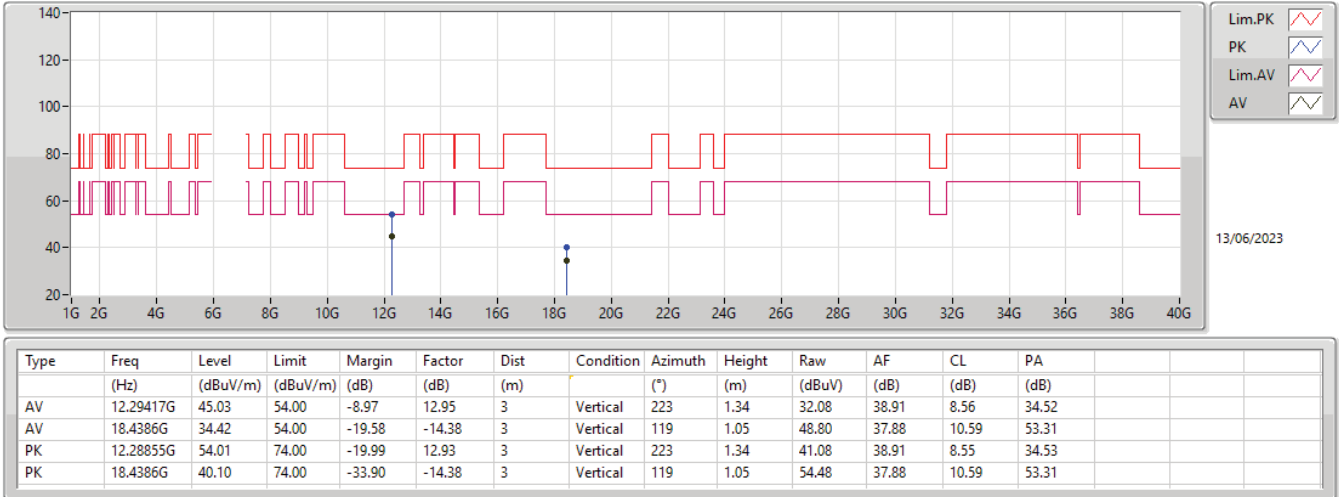
5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6065MHz_TX



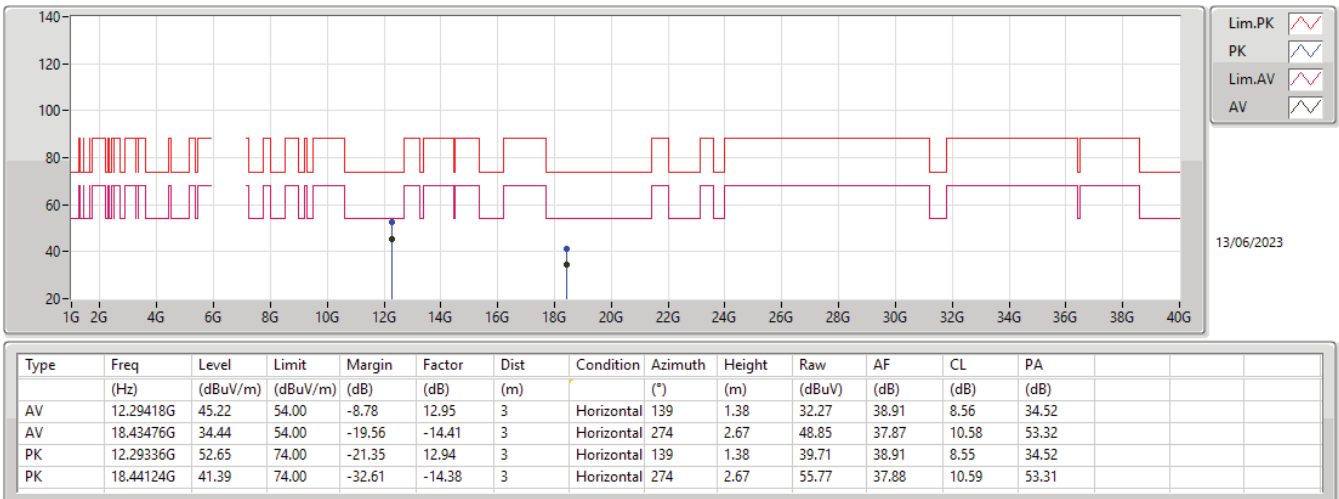
5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6145MHz_TX



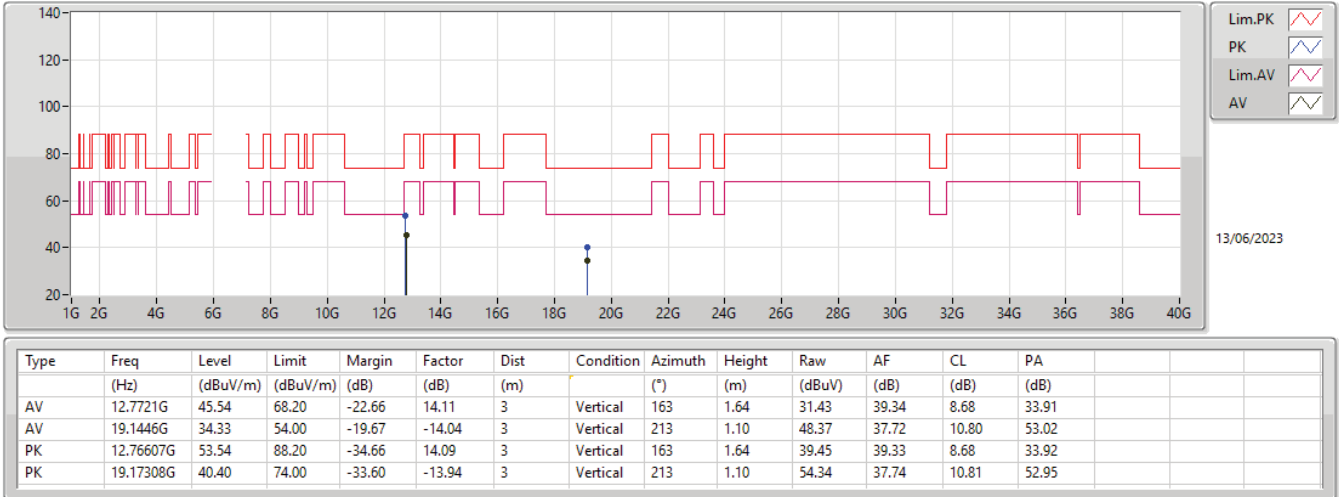
5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6145MHz_TX



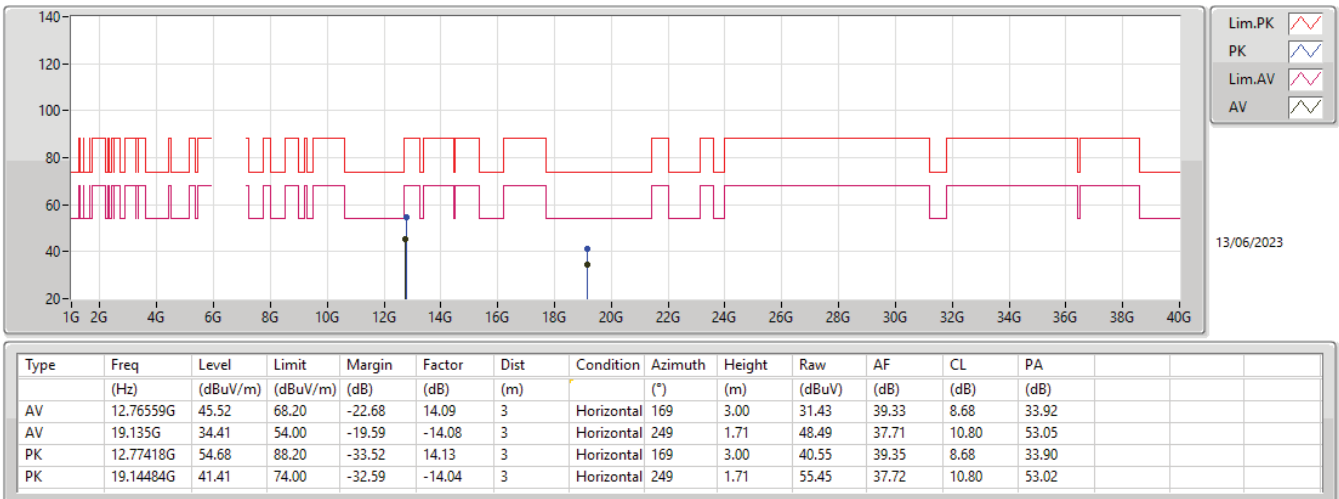
5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6385MHz_TX



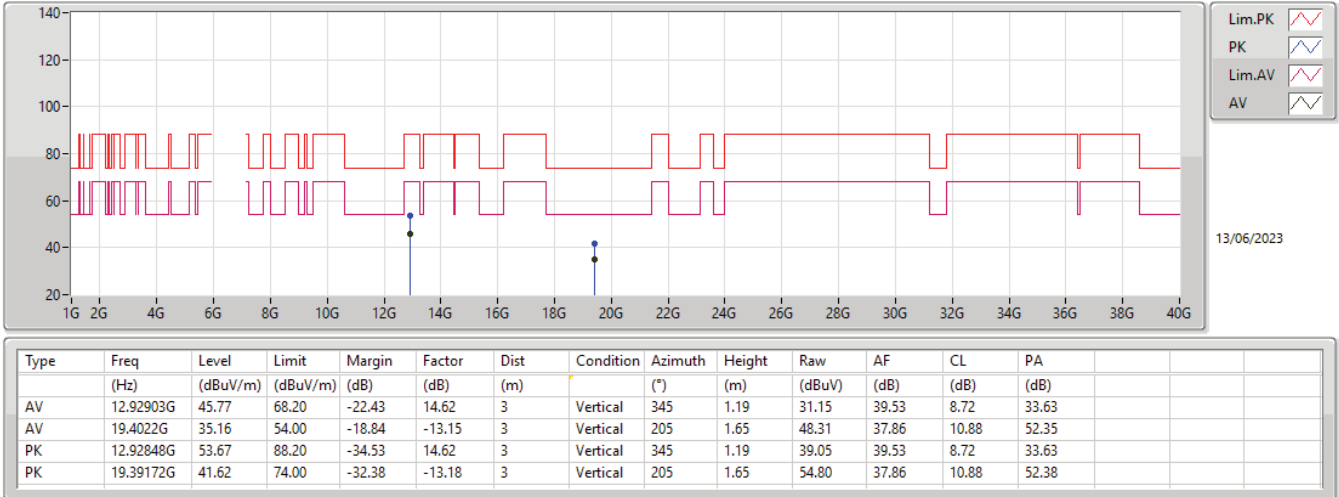
5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6385MHz_TX



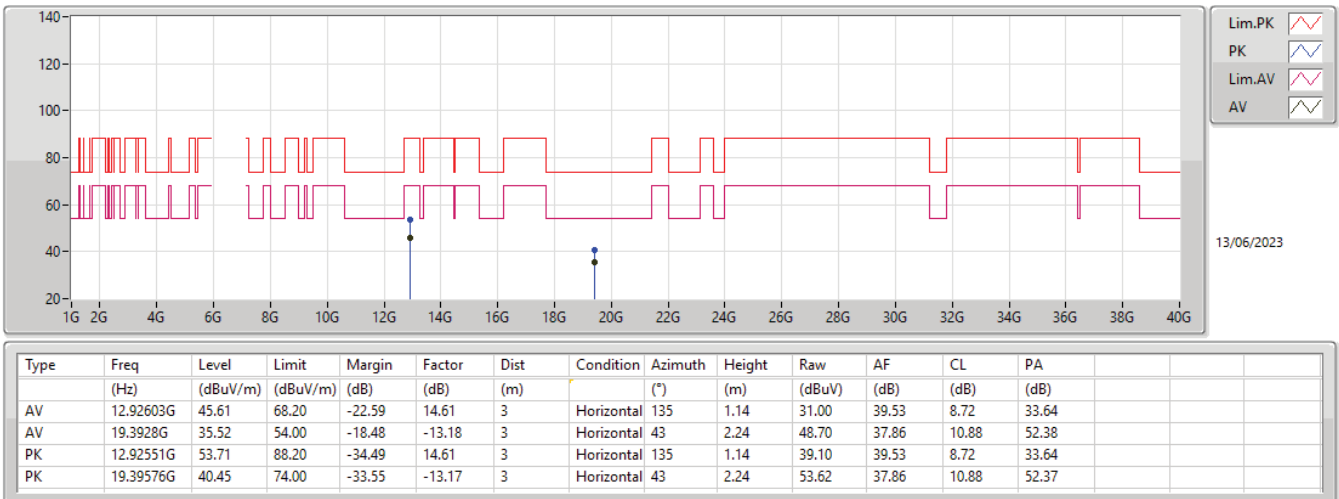
6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6465MHz_TX



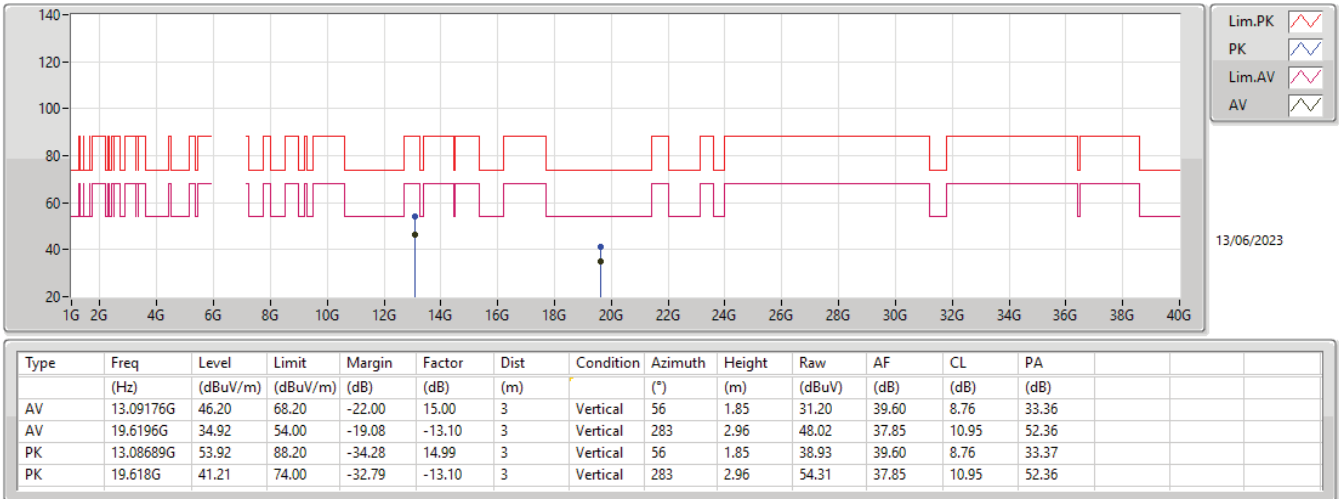
6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6465MHz_TX



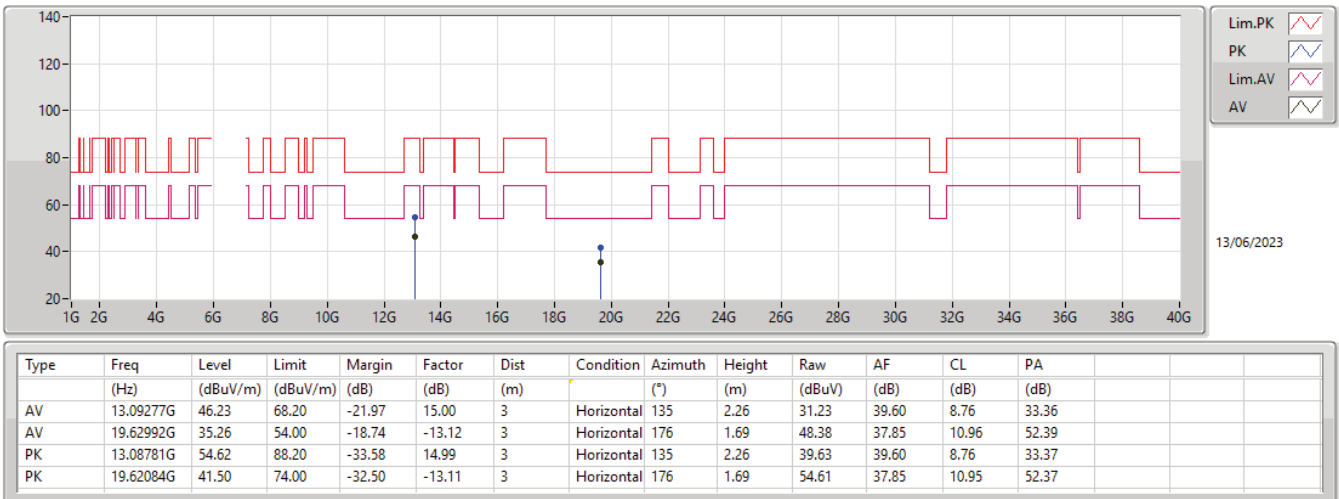
6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6545MHz_TX



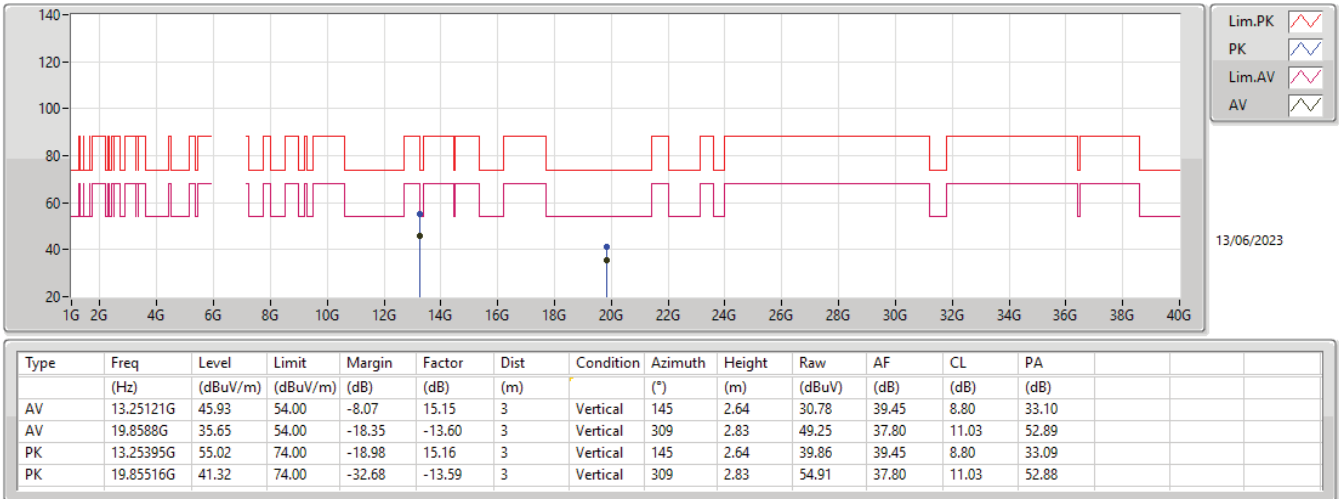
6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6545MHz_TX



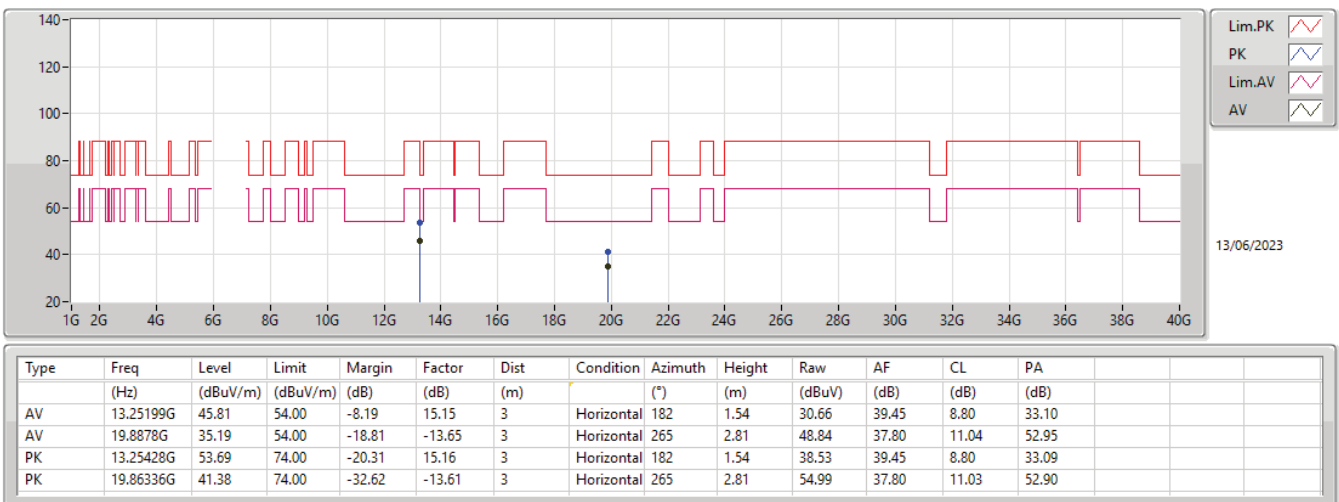
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6625MHz_TX



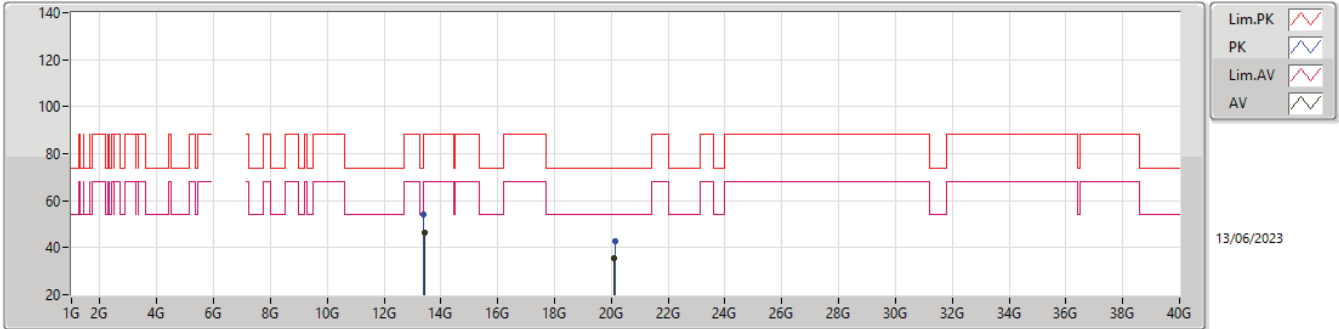
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6625MHz_TX



6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

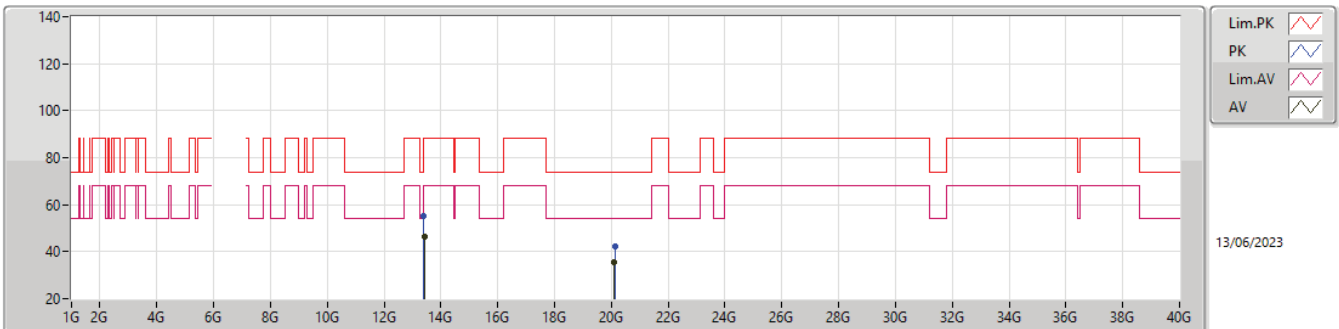
6705MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	13.41403G	46.14	68.20	-22.06	16.01	3	Vertical	155	2.48	30.13	40.00	8.84	32.83
AV	20.11484G	35.50	54.00	-18.50	-13.75	3	Vertical	135	1.71	49.25	37.85	11.09	53.15
PK	13.4072G	54.17	88.20	-34.03	16.00	3	Vertical	155	2.48	38.17	40.00	8.84	32.84
PK	20.1278G	42.78	74.00	-31.22	-13.74	3	Vertical	135	1.71	56.52	37.85	11.10	53.15

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

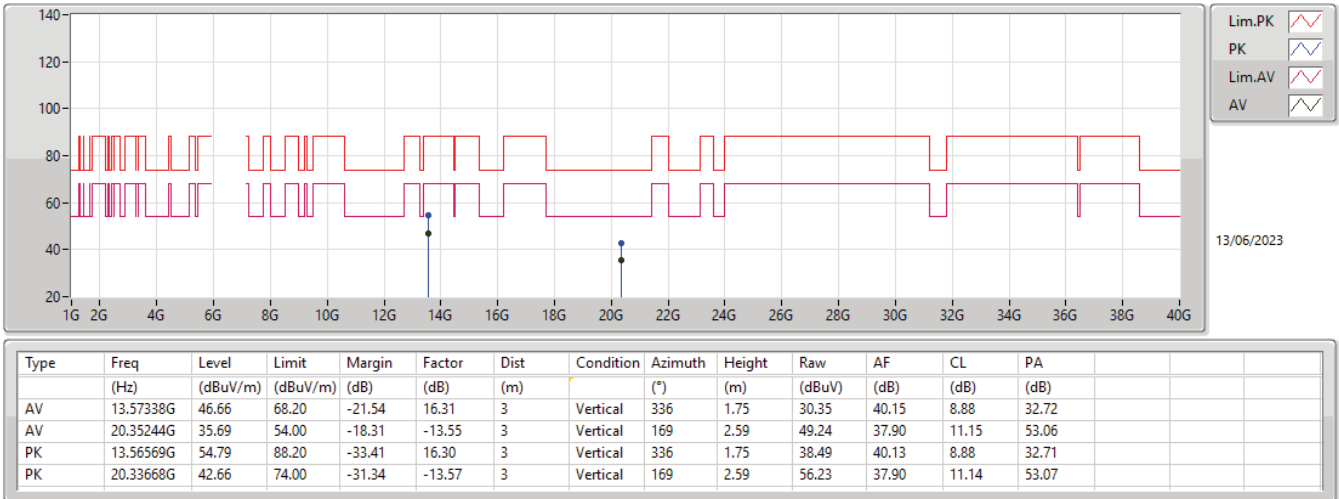
6705MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	13.41309G	46.50	68.20	-21.70	16.01	3	Horizontal	187	1.40	30.49	40.00	8.84	32.83
AV	20.10792G	35.36	54.00	-18.64	-13.77	3	Horizontal	336	1.88	49.13	37.84	11.09	53.16
PK	13.40513G	55.28	88.20	-32.92	15.99	3	Horizontal	187	1.40	39.29	40.00	8.84	32.85
PK	20.12264G	42.37	74.00	-31.63	-13.74	3	Horizontal	336	1.88	56.11	37.85	11.10	53.15

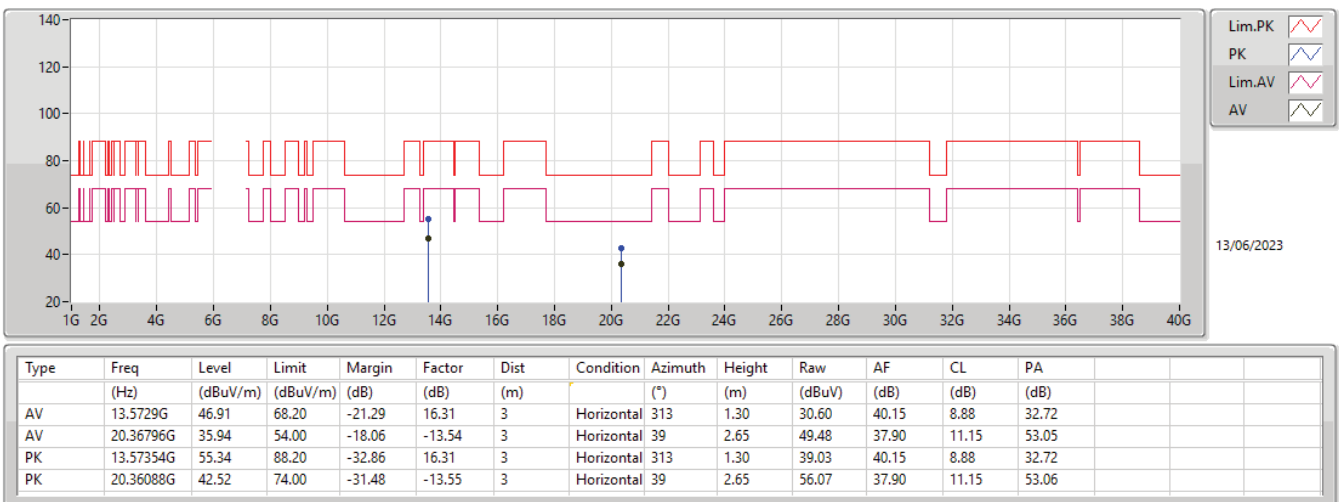
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6785MHz_TX



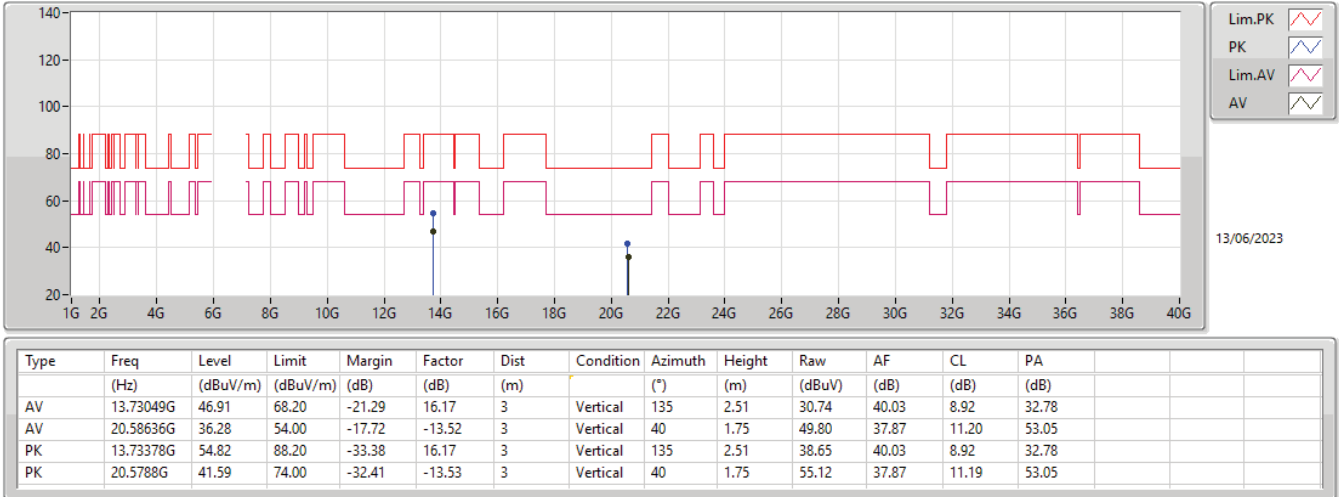
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6785MHz_TX



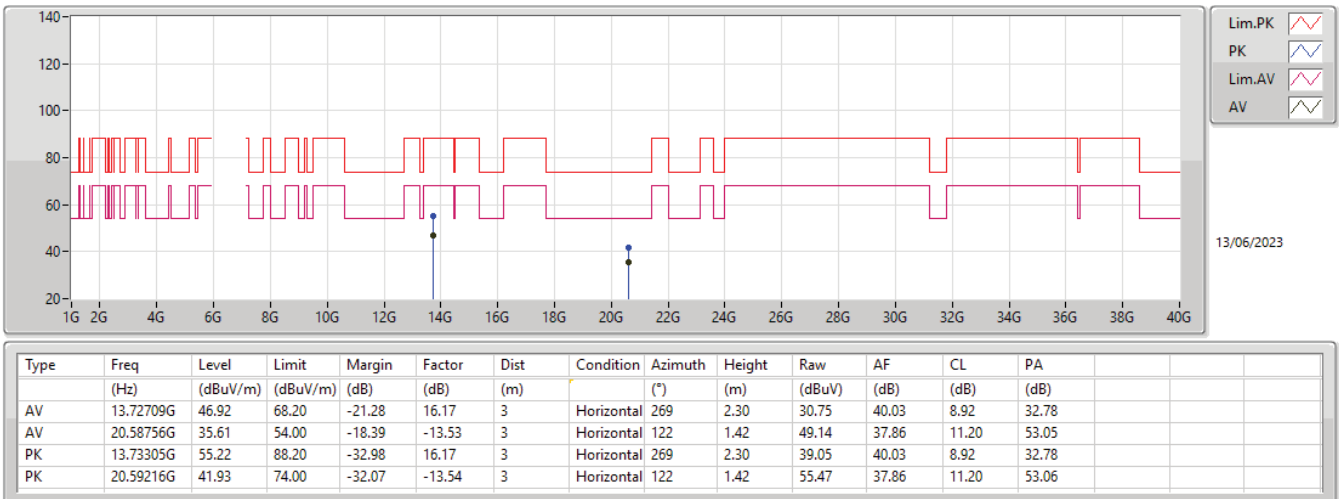
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6865MHz_TX



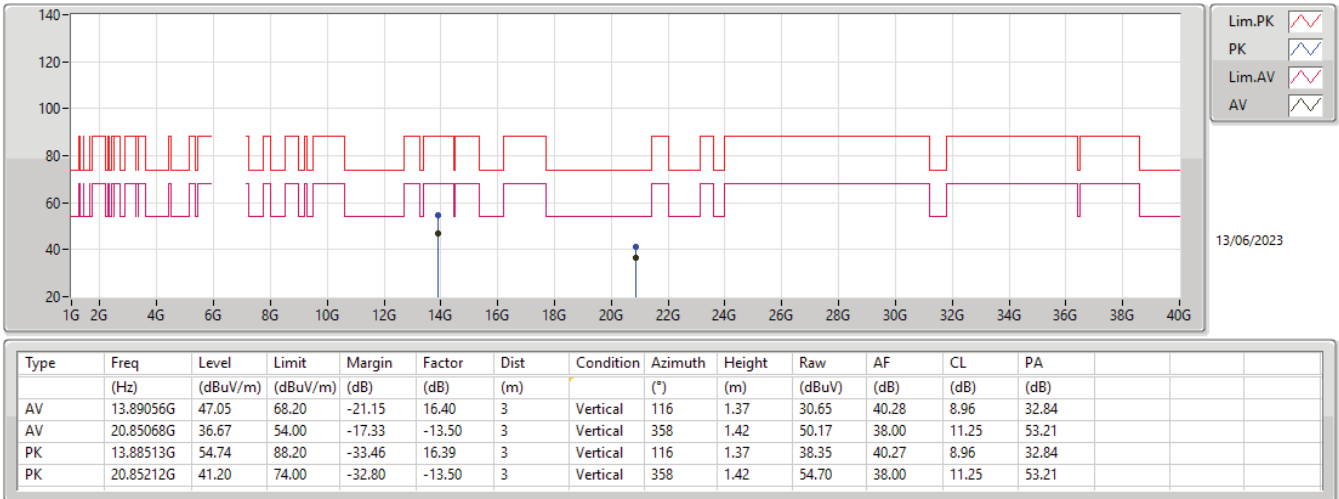
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6865MHz_TX



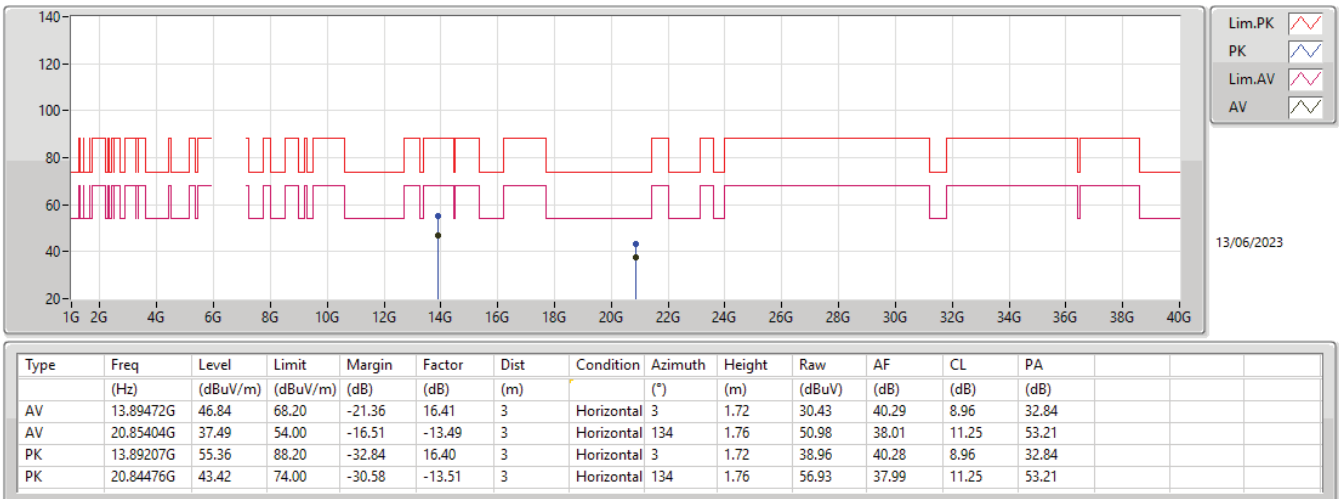
6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6945MHz_TX



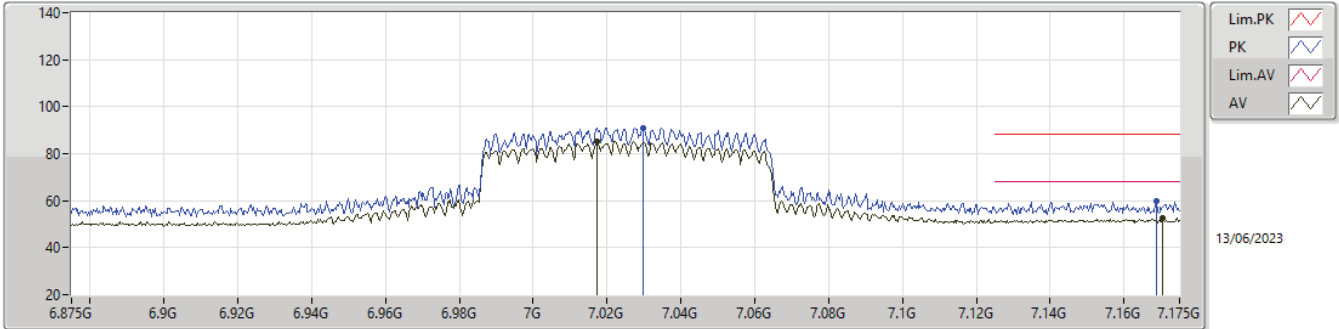
6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6945MHz_TX



6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

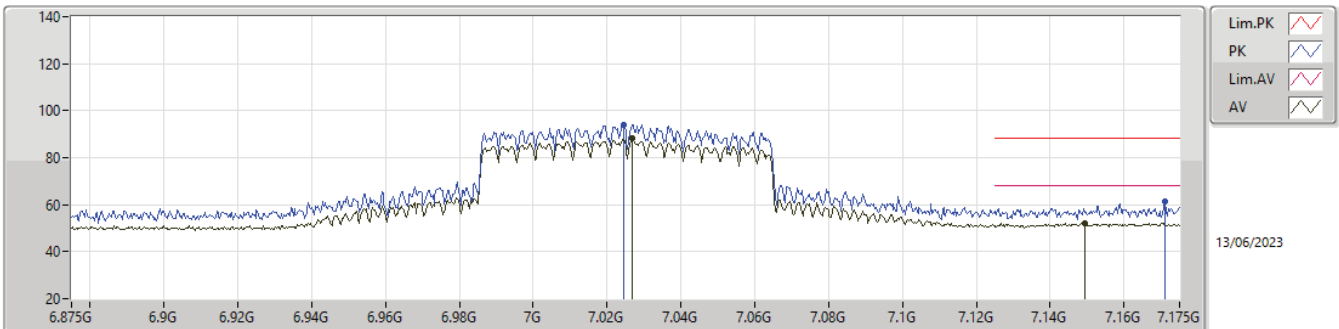
7025MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	7.0172G	85.38	Inf	-Inf	7.59	3	Vertical	9	2.69	77.79	35.87	6.46	34.74				
AV	7.1705G	52.43	68.20	-15.77	8.55	3	Vertical	9	2.69	43.88	36.74	6.57	34.76				
PK	7.0298G	90.97	Inf	-Inf	7.65	3	Vertical	9	2.69	83.32	35.92	6.47	34.74				
PK	7.1687G	59.75	88.20	-28.45	8.55	3	Vertical	9	2.69	51.20	36.74	6.57	34.76				

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

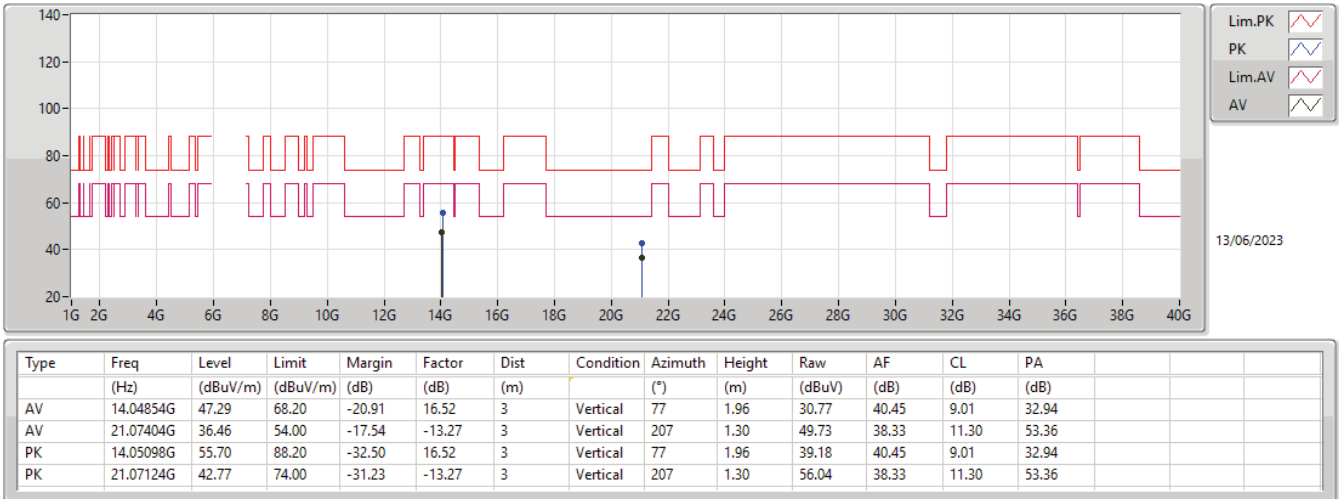
7025MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	7.0268G	88.08	Inf	-Inf	7.64	3	Horizontal	27	1.00	80.44	35.91	6.47	34.74				
AV	7.1495G	52.12	68.20	-16.08	8.49	3	Horizontal	27	1.00	43.63	36.70	6.55	34.76				
PK	7.0244G	93.95	Inf	-Inf	7.63	3	Horizontal	27	1.00	86.32	35.90	6.47	34.74				
PK	7.1711G	61.36	88.20	-26.84	8.55	3	Horizontal	27	1.00	52.81	36.74	6.57	34.76				

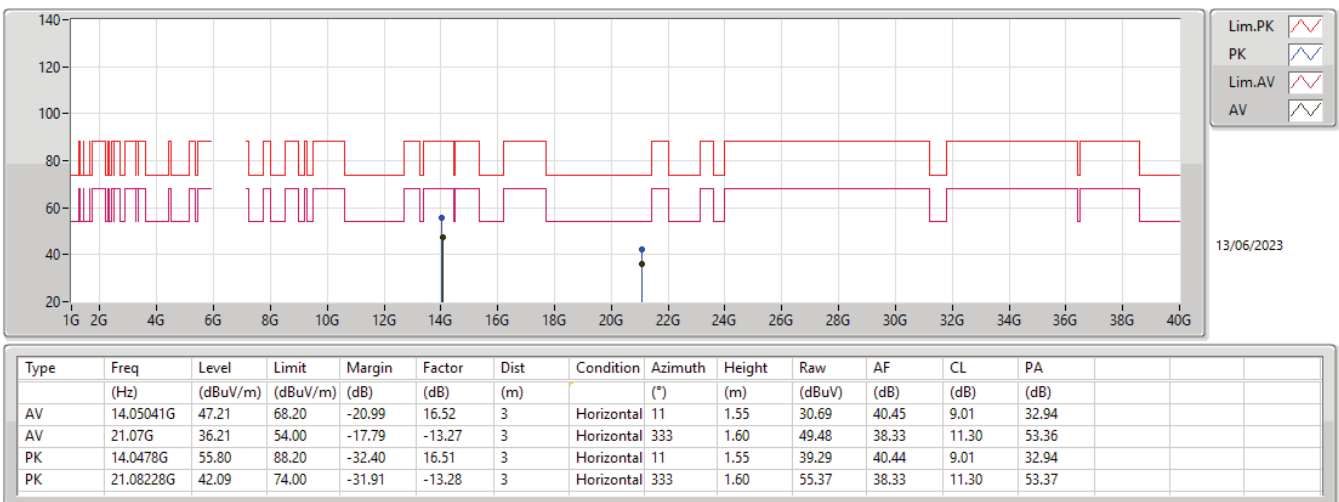
6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

7025MHz_TX



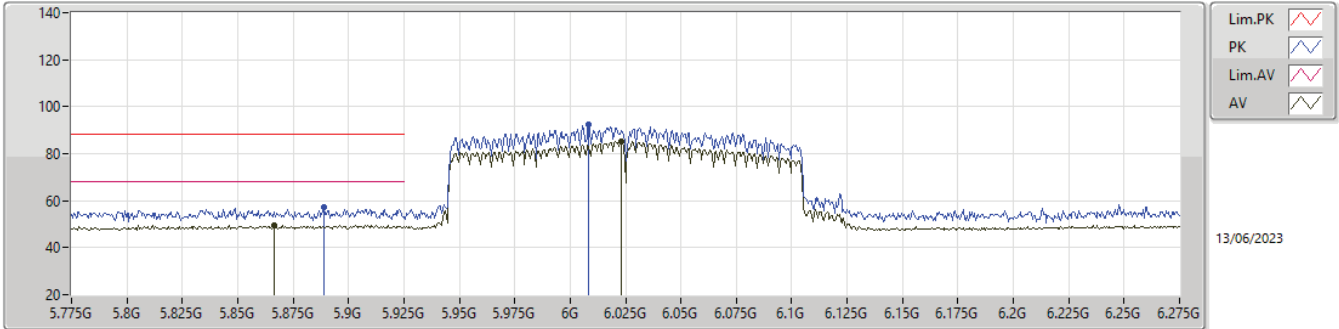
6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

7025MHz_TX



5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

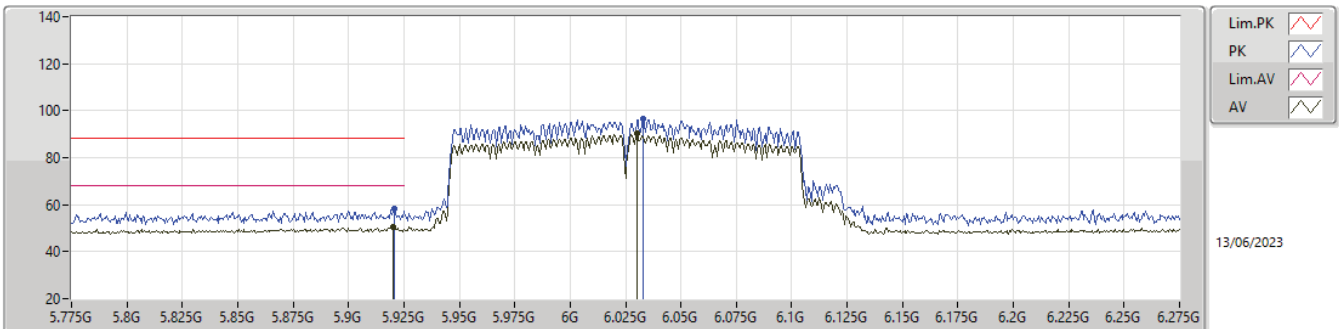
6025MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.8665G	49.54	68.20	-18.66	5.47	3	Vertical	19	2.73	44.07	34.17	5.83	34.53
AV	6.023G	85.13	Inf	-Inf	5.49	3	Vertical	19	2.73	79.64	34.10	5.91	34.52
PK	5.889G	57.31	88.20	-30.89	5.57	3	Vertical	19	2.73	51.74	34.26	5.84	34.53
PK	6.0085G	92.20	Inf	-Inf	5.48	3	Vertical	19	2.73	86.72	34.10	5.90	34.52

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

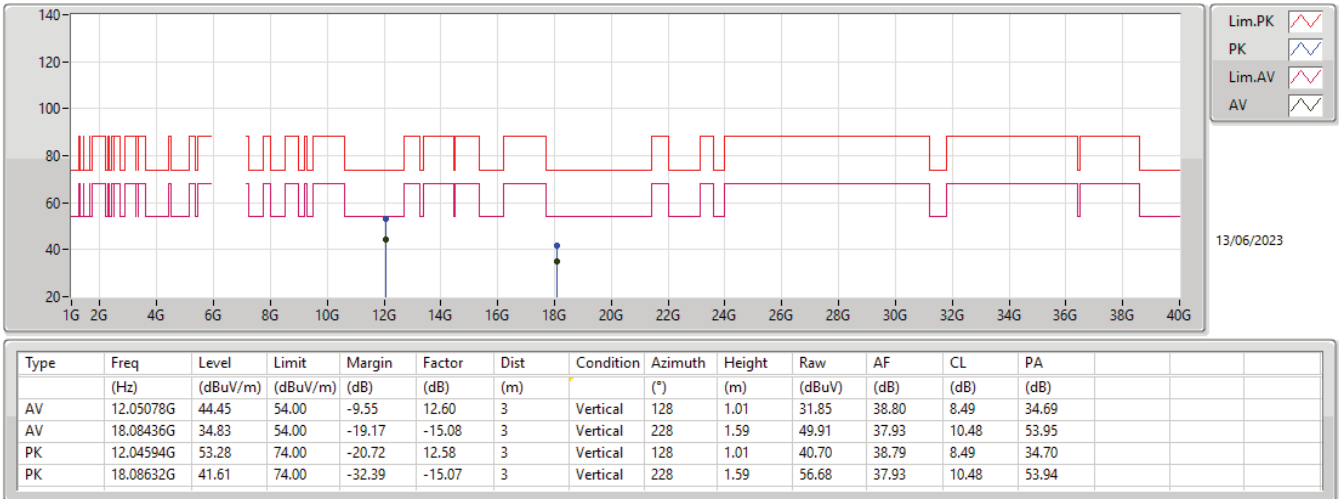
6025MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.92G	50.70	68.20	-17.50	5.58	3	Horizontal	40	1.07	45.12	34.26	5.85	34.53
AV	6.03G	90.22	Inf	-Inf	5.49	3	Horizontal	40	1.07	84.73	34.10	5.91	34.52
PK	5.9205G	58.14	88.20	-30.06	5.58	3	Horizontal	40	1.07	52.56	34.26	5.85	34.53
PK	6.033G	96.58	Inf	-Inf	5.49	3	Horizontal	40	1.07	91.09	34.10	5.91	34.52

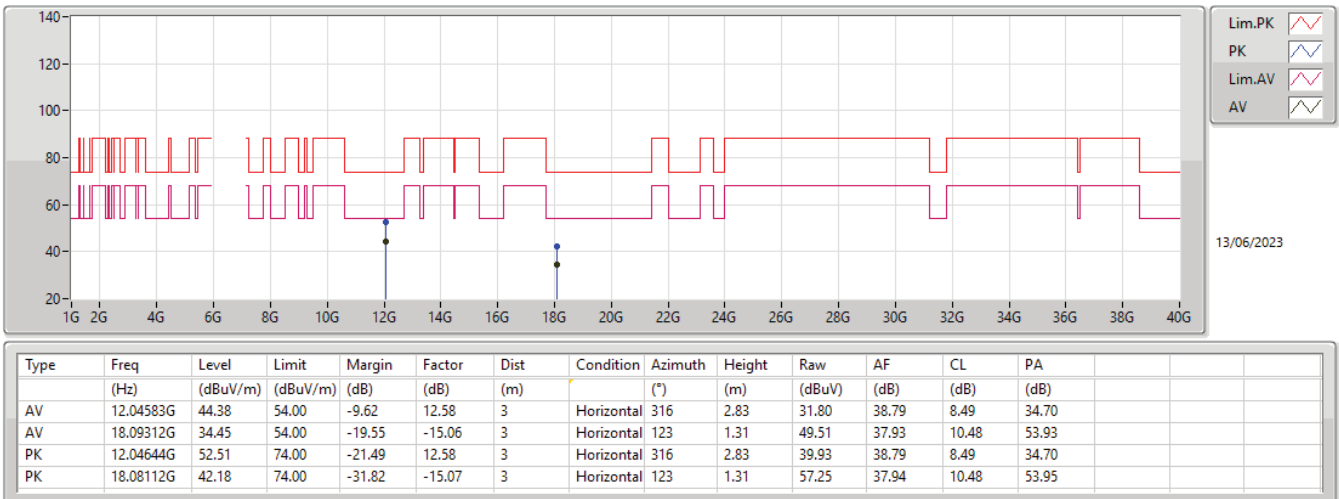
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6025MHz_TX



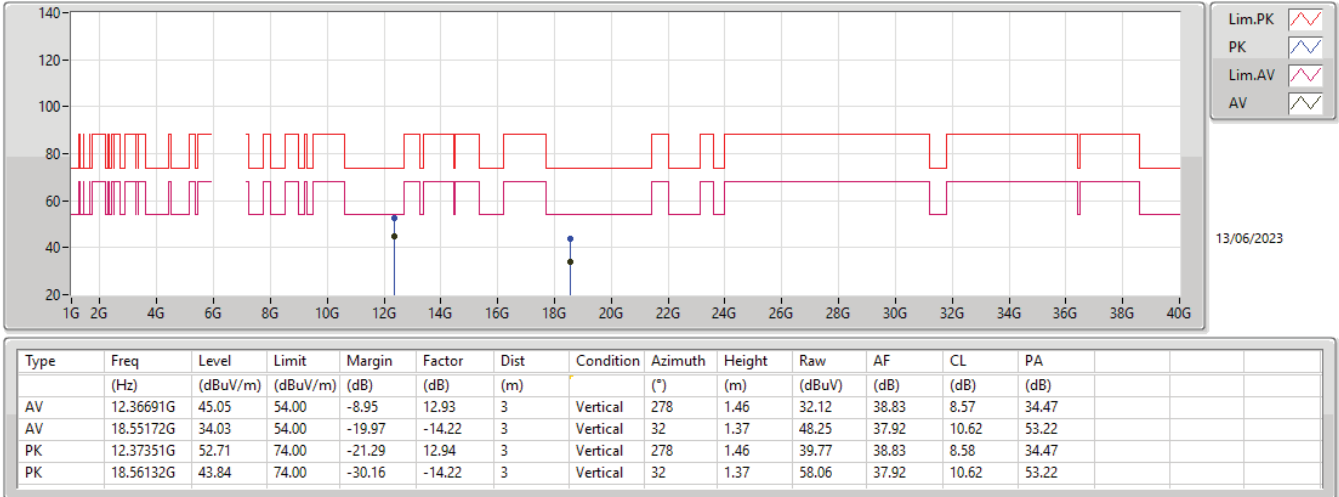
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6025MHz_TX



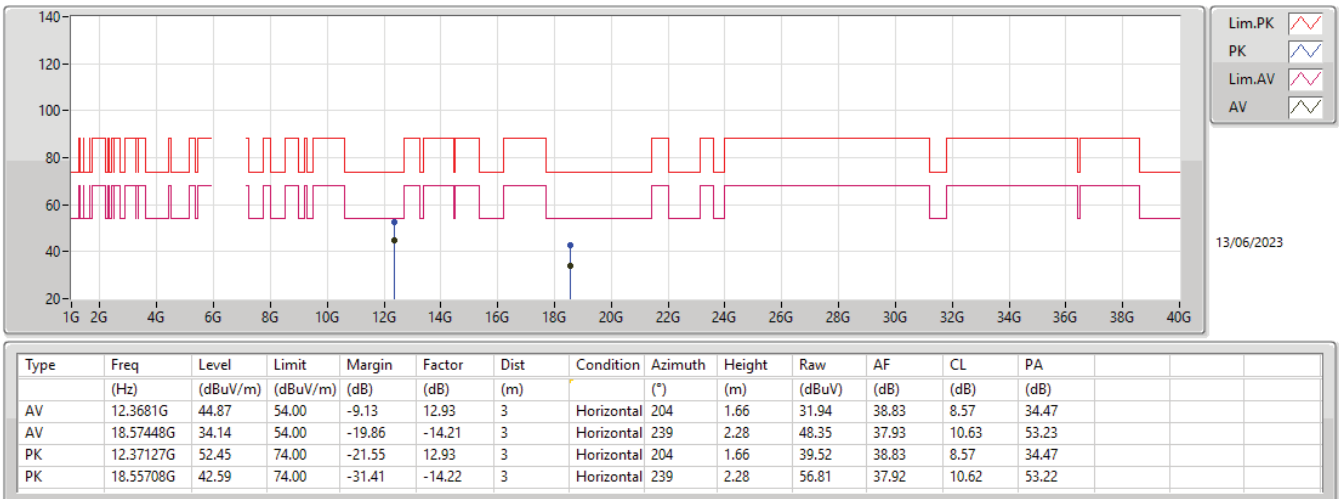
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6185MHz_TX



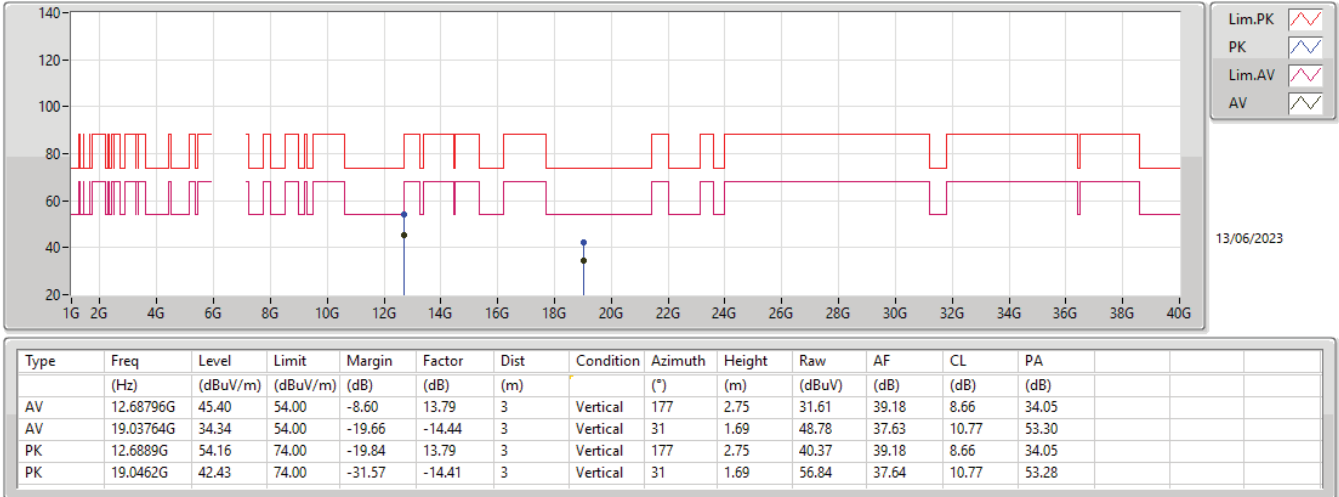
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6185MHz_TX



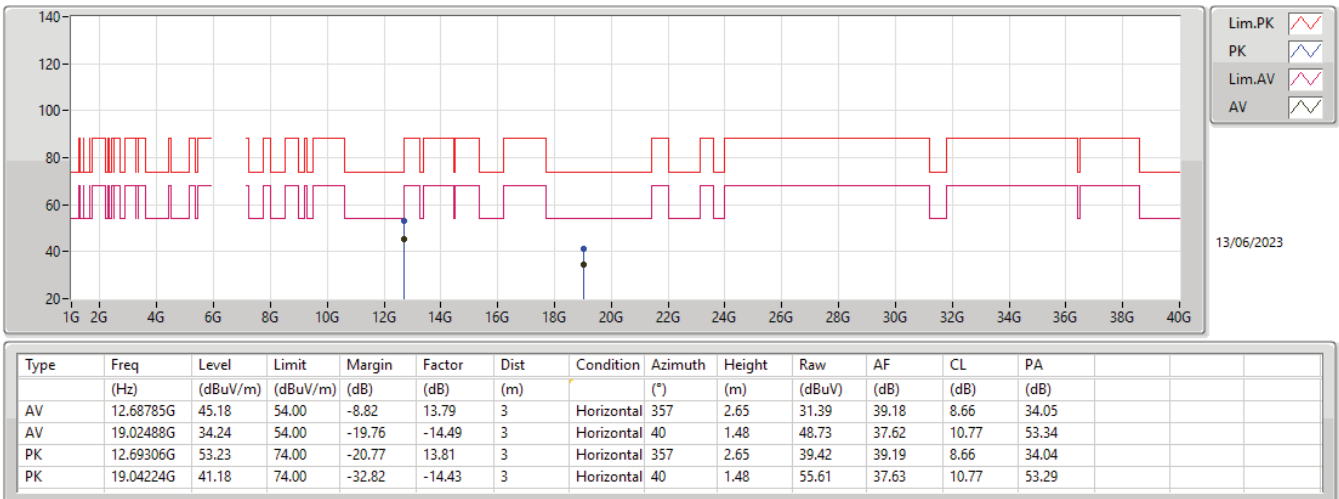
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6345MHz_TX



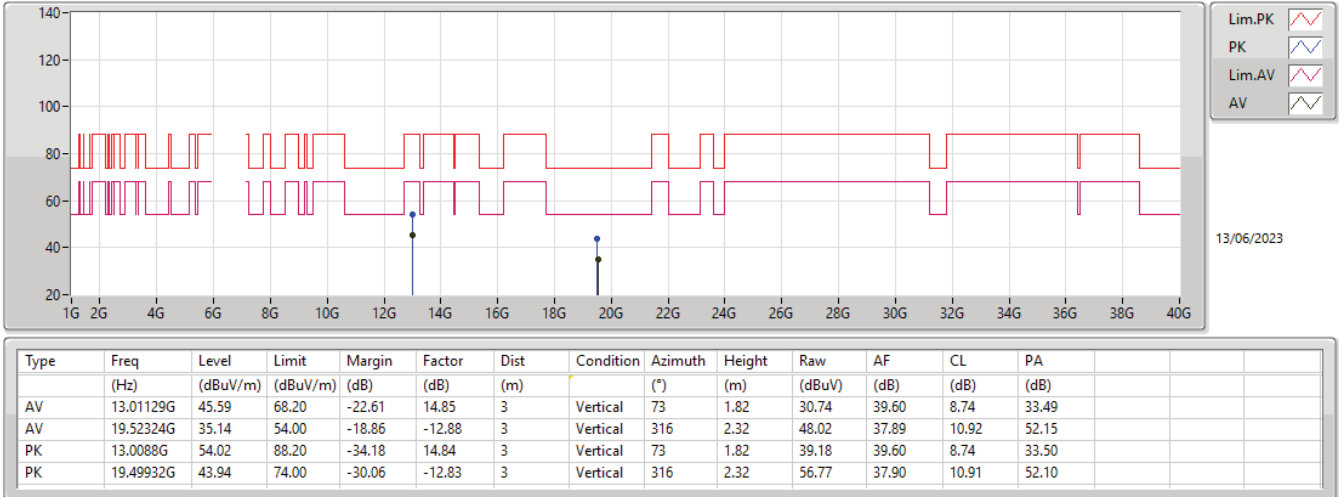
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6345MHz_TX



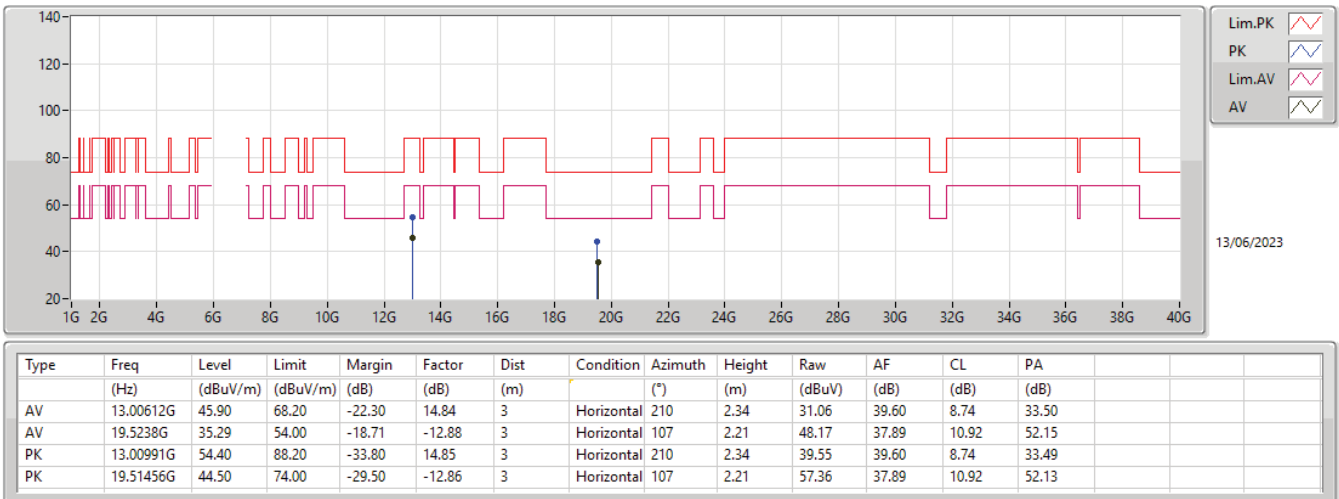
6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6505MHz_TX



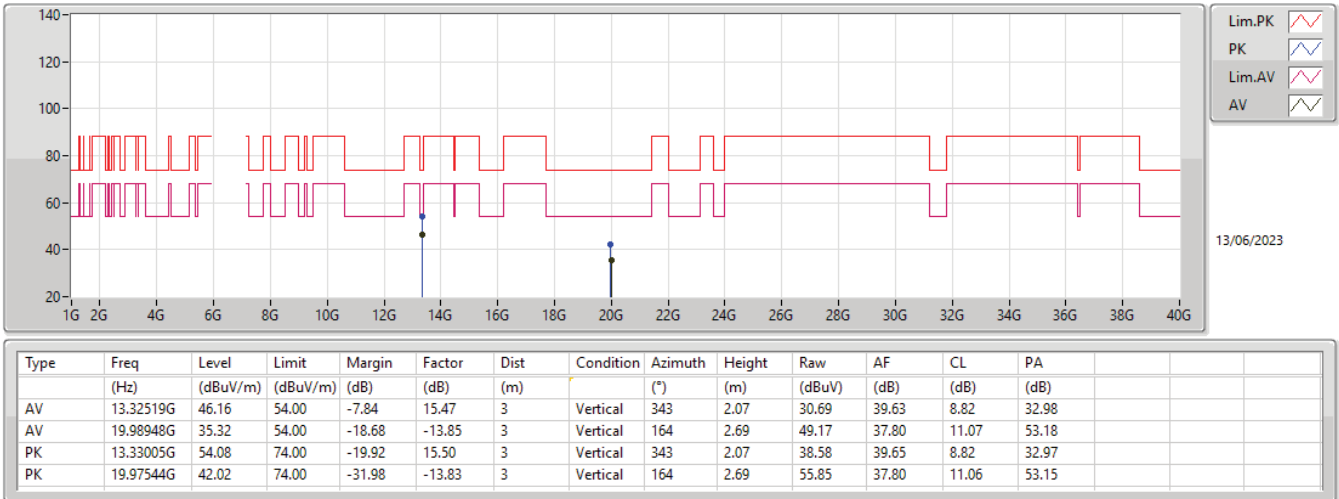
6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6505MHz_TX



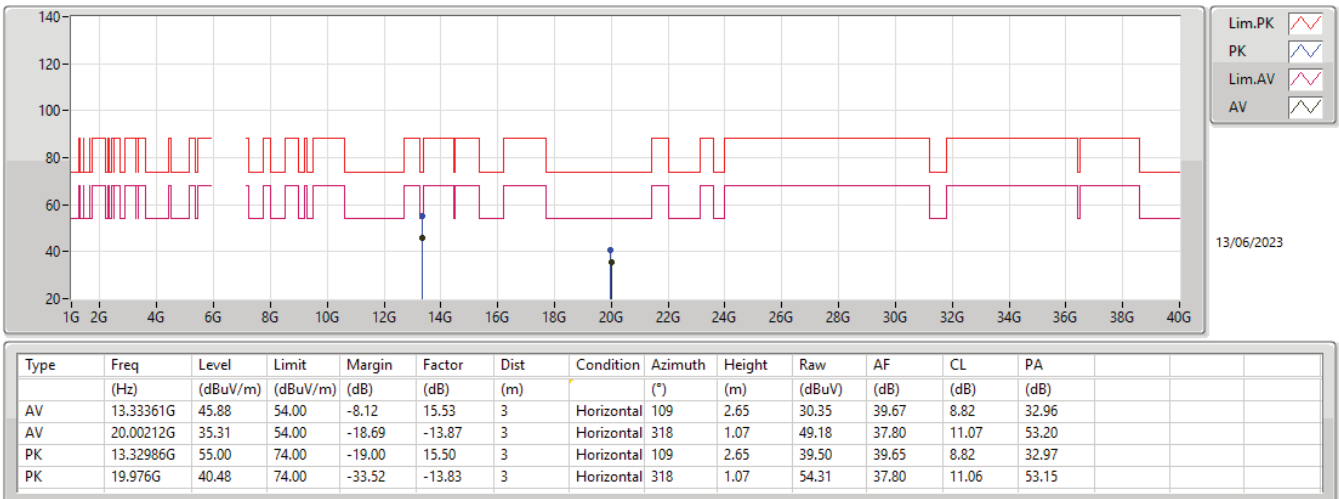
6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6665MHz_TX



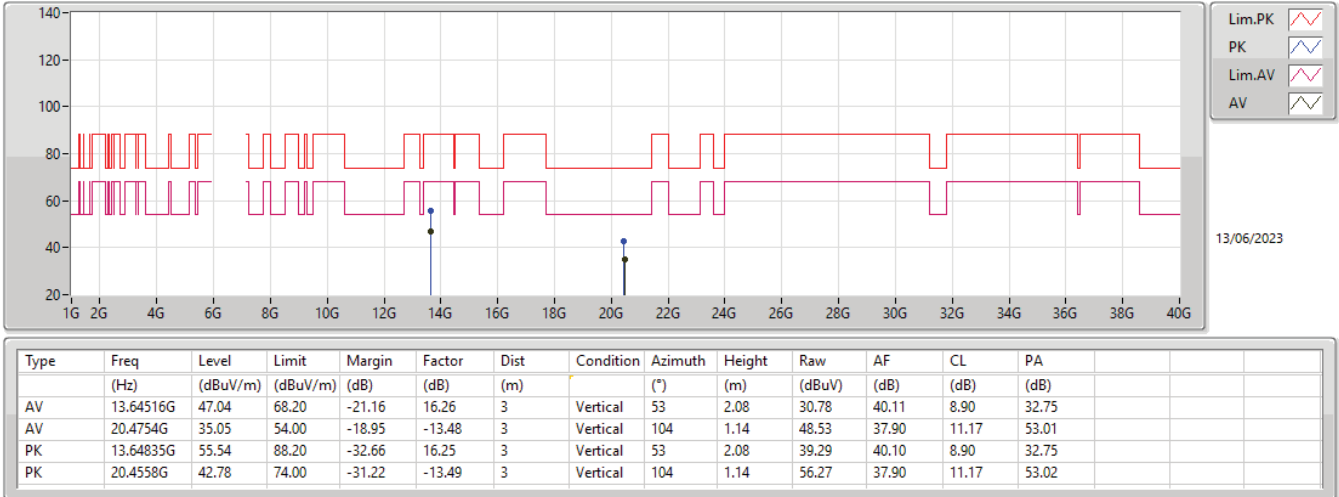
6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6665MHz_TX



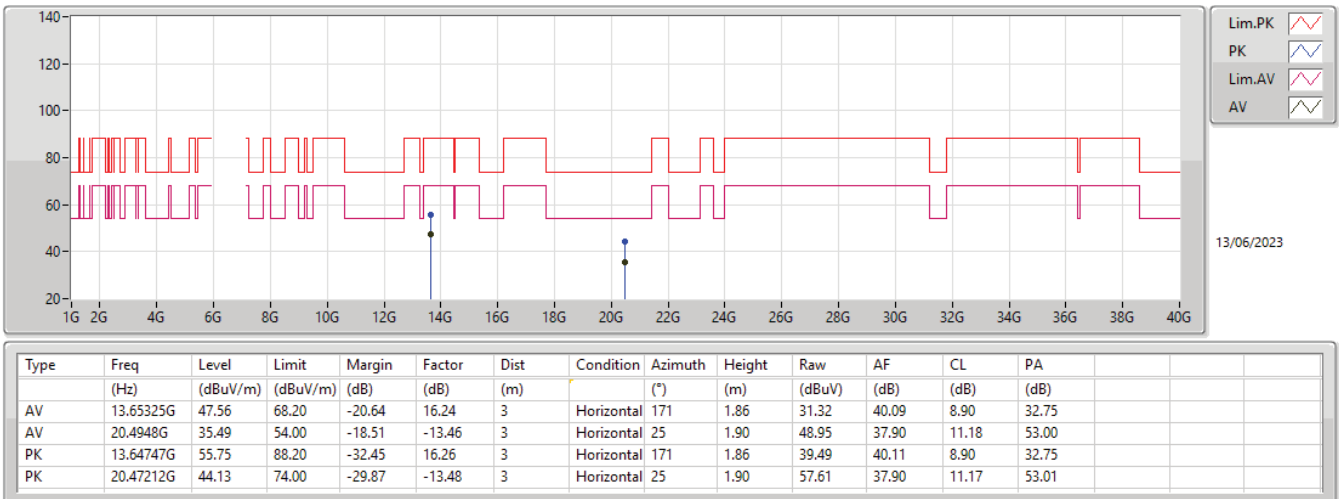
6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6825MHz_TX



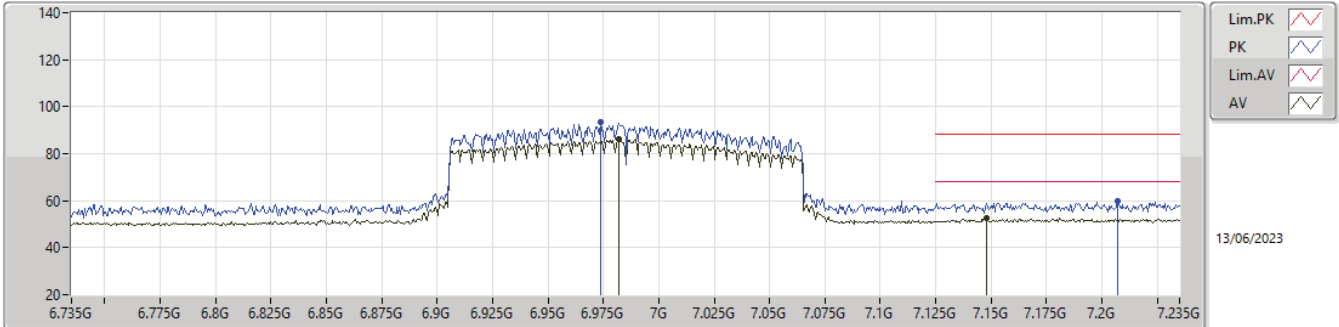
6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6825MHz_TX



6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

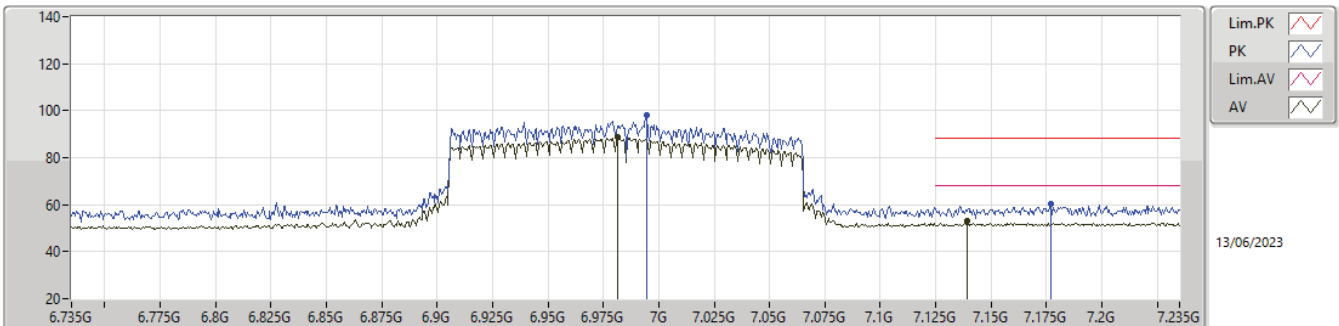
6985MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	6.982G	86.25	Inf	-Inf	7.55	3	Vertical	4	2.63	78.70	35.84	6.44	34.73				
AV	7.148G	52.53	68.20	-15.67	8.47	3	Vertical	4	2.63	44.06	36.68	6.55	34.76				
PK	6.974G	93.49	Inf	-Inf	7.56	3	Vertical	4	2.63	85.93	35.85	6.44	34.73				
PK	7.207G	59.85	88.20	-28.35	8.63	3	Vertical	4	2.63	51.22	36.80	6.59	34.76				

6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

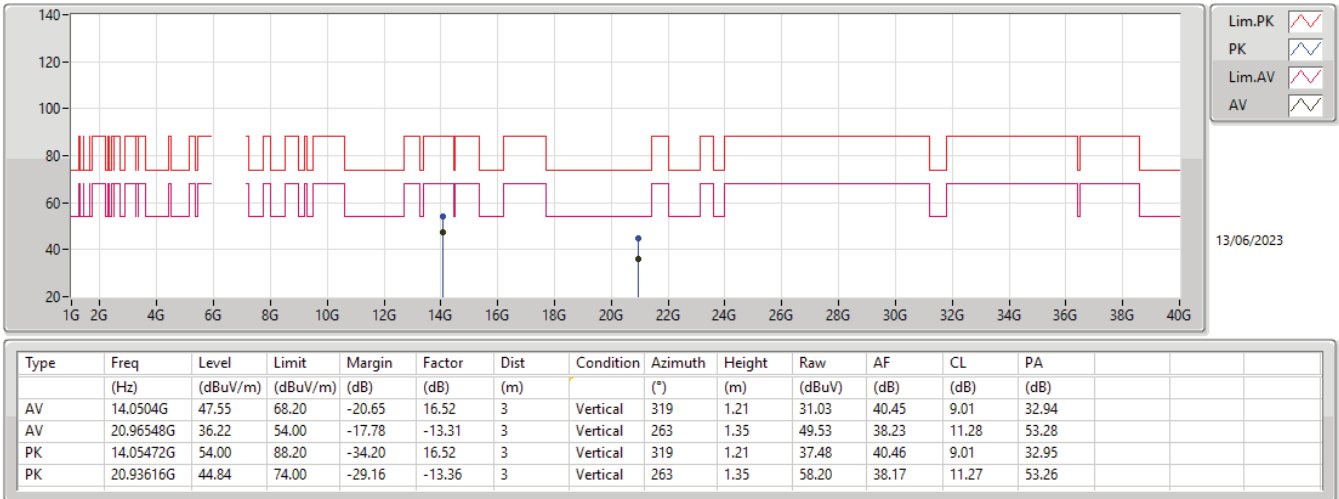
6985MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)			
AV	6.9815G	88.93	Inf	-Inf	7.55	3	Horizontal	26	1.07	81.38	35.84	6.44	34.73			
AV	7.139G	53.12	68.20	-15.08	8.40	3	Horizontal	26	1.07	44.72	36.61	6.55	34.76			
PK	6.9945G	97.93	Inf	-Inf	7.52	3	Horizontal	26	1.07	90.41	35.81	6.45	34.74			
PK	7.177G	60.11	88.20	-28.09	8.56	3	Horizontal	26	1.07	51.55	36.75	6.57	34.76			

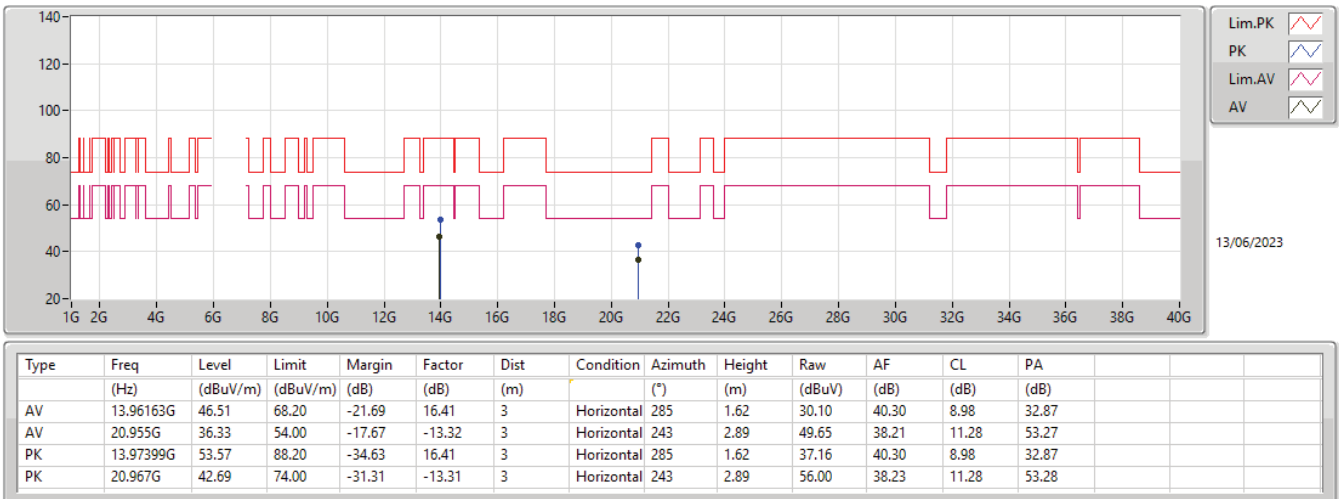
6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6985MHz_TX



6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6985MHz_TX





Contention-Based Protocol Result

Appendix F

Antenna Gain (dBi)			
UNII 5	UNII 6	UNII 7	UNII 8
5	5	5	5

Contention Based protocol 802.11ax HEW20											
UNII Band	Test Channel	Bandwidth (MHz)	Frequency (MHz)	Intetference frequency (MHz)		AWGN Threshold Level (dBm)	EUT Status	Number of Detected (out of 10 times)	Detection Ratio (%)	Limit (%)	Test Result
5	53	20	6215	Center	6215	-62.00	OFF	10	100	90	Pass
6	101	20	6455	Center	6455	-62.00	OFF	10	100	90	Pass
7	149	20	6695	Center	6695	-62.00	OFF	10	100	90	Pass
8	213	20	7015	Center	7015	-64.00	OFF	10	100	90	Pass

Contention Based protocol 802.11ax HEW160											
UNII Band	Test Channel	Bandwidth (MHz)	Frequency (MHz)	Intetference frequency (MHz)		AWGN Threshold Level (dBm)	EUT Status	Number of Detected (out of 10 times)	Detection Ratio (%)	Limit (%)	Test Result
5	47	160	6185	Low edge	6110	-69.00	OFF	10	100	90	Pass
				Center	6185	-66.00	OFF	10	100	90	Pass
				High edge	6260	-72.00	OFF	10	100	90	Pass
6	111	160	6505	Low edge	6430	-70.00	OFF	10	100	90	Pass
				Center	6505	-65.00	OFF	10	100	90	Pass
				High edge	6580	-71.00	OFF	10	100	90	Pass
7	143	160	6665	Low edge	6590	-69.00	OFF	10	100	90	Pass
				Center	6665	-65.00	OFF	10	100	90	Pass
				High edge	6740	-70.00	OFF	10	100	90	Pass
8	207	160	6985	Low edge	6910	-64.00	OFF	10	100	90	Pass
				Center	6985	-63.00	OFF	10	100	90	Pass
				High edge	7060	-68.00	OFF	10	100	90	Pass



Contention Based Protocol Threshold Level 802.11ax HEW20										
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Intetference frequency (MHz)		EUT Status	Injected AWGN Power (dBm)	Ant Gain (dBi)	Detection Power(dBm)	Detection Limit (dBm)
5	53	20	6215	Center	6215	OFF	-57.00	5.00	-62.00	≤ -62
						Minimal	-58.00	5.00	-63.00	≤ -62
						ON	-59.00	5.00	-64.00	≤ -62
6	101		6455	Center	6455	OFF	-57.00	5.00	-62.00	≤ -62
						Minimal	-59.00	5.00	-64.00	≤ -62
						ON	-60.00	5.00	-65.00	≤ -62
7	149		6695	Center	6695	OFF	-57.00	5.00	-62.00	≤ -62
						Minimal	-58.00	5.00	-63.00	≤ -62
						ON	-58.00	5.00	-63.00	≤ -62
8	213		7015	Center	7015	OFF	-59.00	5.00	-64.00	≤ -62
						Minimal	-63.00	5.00	-68.00	≤ -62
						ON	-66.00	5.00	-71.00	≤ -62

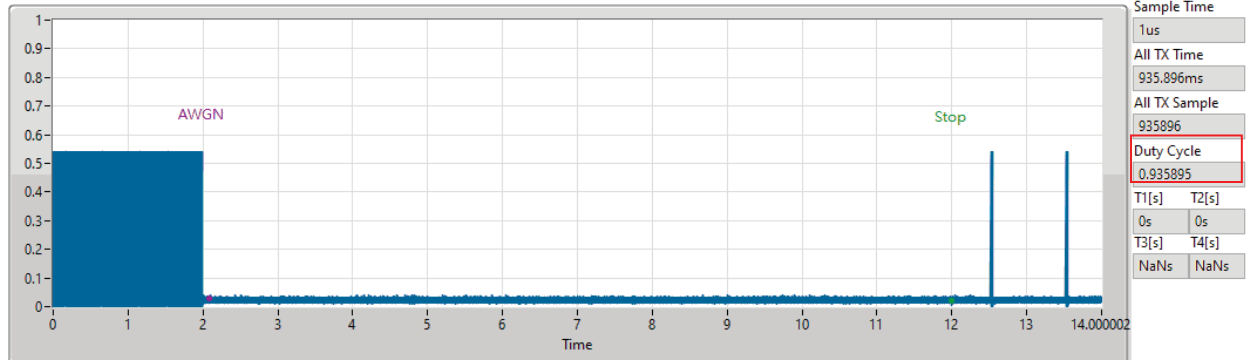
Detection Level = Injected AWGN Power (dBm) – Antenna Gain (dBi) + Path Loss (dB)

Contention Based Protocol Threshold Level 802.11ax HEW160										
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Intetference frequency (MHz)		EUT Status	Injected AWGN Power (dBm)	Ant Gain (dBi)	Detection Power(dBm)	Detection Limit (dBm)
5	47	160	6185	Low edge	6110	OFF	-64.00	5.00	-69.00	≤ -62
						Minimal	-65.00	5.00	-70.00	≤ -62
						ON	-66.00	5.00	-71.00	≤ -62
				Center	6185	OFF	-61.00	5.00	-66.00	≤ -62
						Minimal	-62.00	5.00	-67.00	≤ -62
						ON	-63.00	5.00	-68.00	≤ -62
				High edge	6260	OFF	-67.00	5.00	-72.00	≤ -62
						Minimal	-68.00	5.00	-73.00	≤ -62
						ON	-68.00	5.00	-73.00	≤ -62
6	111		6505	Low edge	6430	OFF	-65.00	5.00	-70.00	≤ -62
						Minimal	-66.00	5.00	-71.00	≤ -62
						ON	-67.00	5.00	-72.00	≤ -62
				Center	6505	OFF	-60.00	5.00	-65.00	≤ -62
						Minimal	-61.00	5.00	-66.00	≤ -62
						ON	-62.00	5.00	-67.00	≤ -62
				High edge	6580	OFF	-66.00	5.00	-71.00	≤ -62
						Minimal	-67.00	5.00	-72.00	≤ -62
						ON	-67.00	5.00	-72.00	≤ -62
7	143	6665	Low edge	6590	OFF	-64.00	5.00	-69.00	≤ -62	
					Minimal	-65.00	5.00	-70.00	≤ -62	
					ON	-66.00	5.00	-71.00	≤ -62	
			Center	6665	OFF	-60.00	5.00	-65.00	≤ -62	
					Minimal	-61.00	5.00	-66.00	≤ -62	
					ON	-62.00	5.00	-67.00	≤ -62	
			High edge	6740	OFF	-65.00	5.00	-70.00	≤ -62	
					Minimal	-66.00	5.00	-71.00	≤ -62	
					ON	-67.00	5.00	-72.00	≤ -62	
8	207	6985	Low edge	6910	OFF	-59.00	5.00	-64.00	≤ -62	
					Minimal	-60.00	5.00	-65.00	≤ -62	
					ON	-61.00	5.00	-66.00	≤ -62	
			Center	6985	OFF	-58.00	5.00	-63.00	≤ -62	
					Minimal	-59.00	5.00	-64.00	≤ -62	
					ON	-60.00	5.00	-65.00	≤ -62	
			High edge	7060	OFF	-63.00	5.00	-68.00	≤ -62	
					Minimal	-64.00	5.00	-69.00	≤ -62	
					ON	-64.00	5.00	-69.00	≤ -62	

Detection Level = Injected AWGN Power (dBm) – Antenna Gain (dBi) + Path Loss (dB)

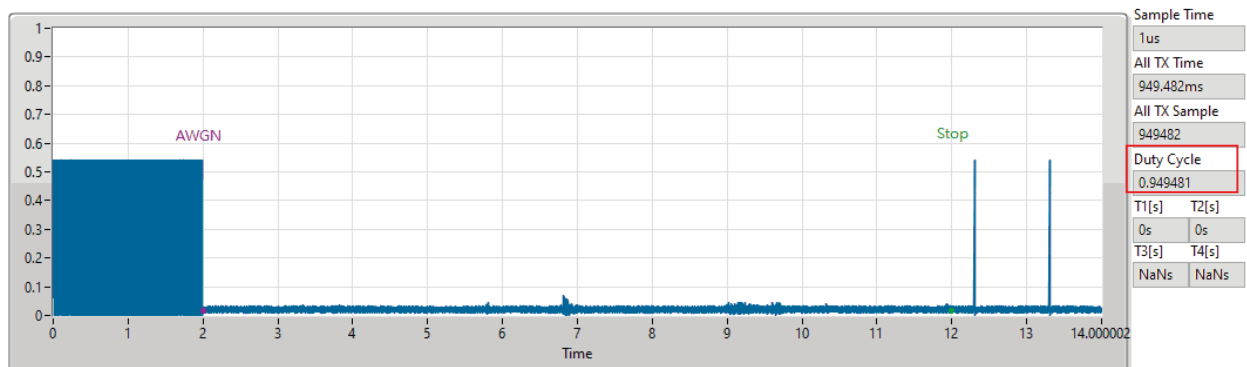
Bandwidth 20MHz: Traffic Loading Plot - 6215MHz

Time Analysis



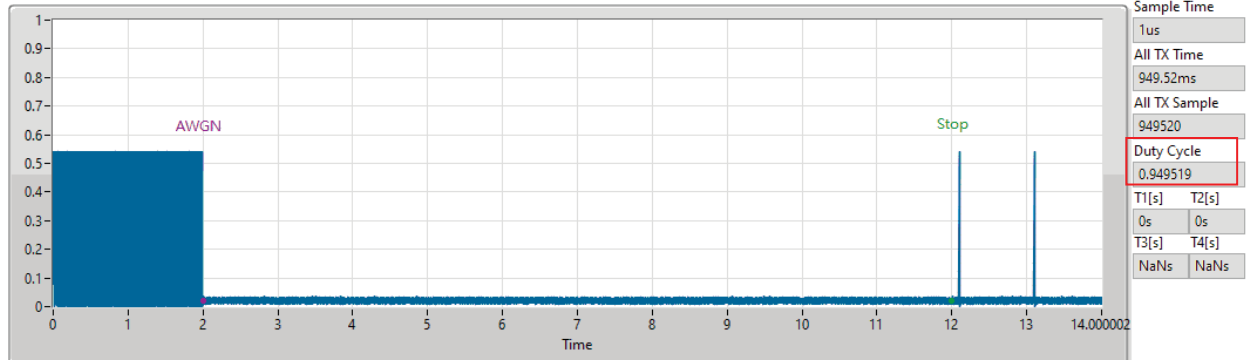
Bandwidth 20MHz: Traffic Loading Plot - 6455MHz

Time Analysis



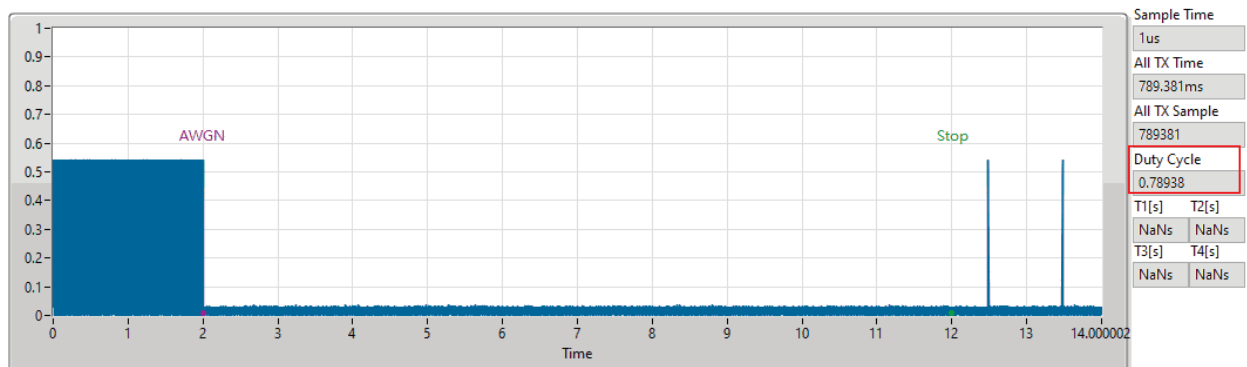
Bandwidth 20MHz: Traffic Loading Plot - 6695MHz

Time Analysis



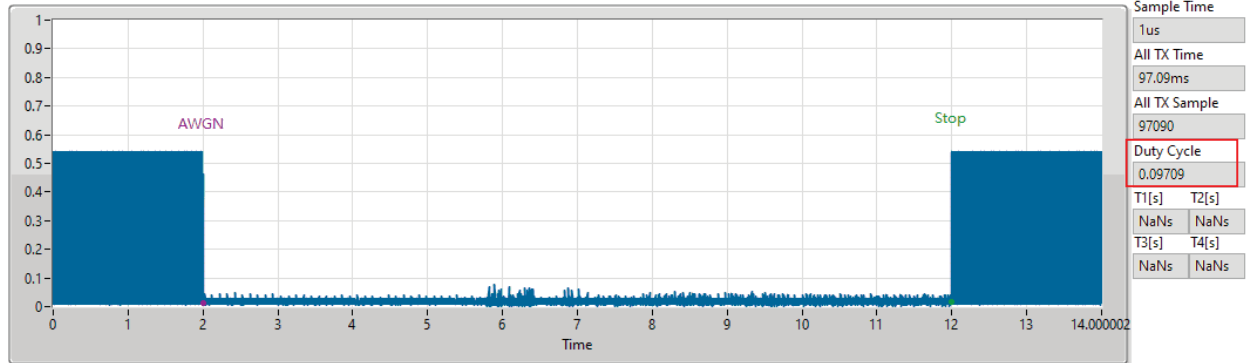
Bandwidth 20MHz: Traffic Loading Plot - 7015MHz

Time Analysis



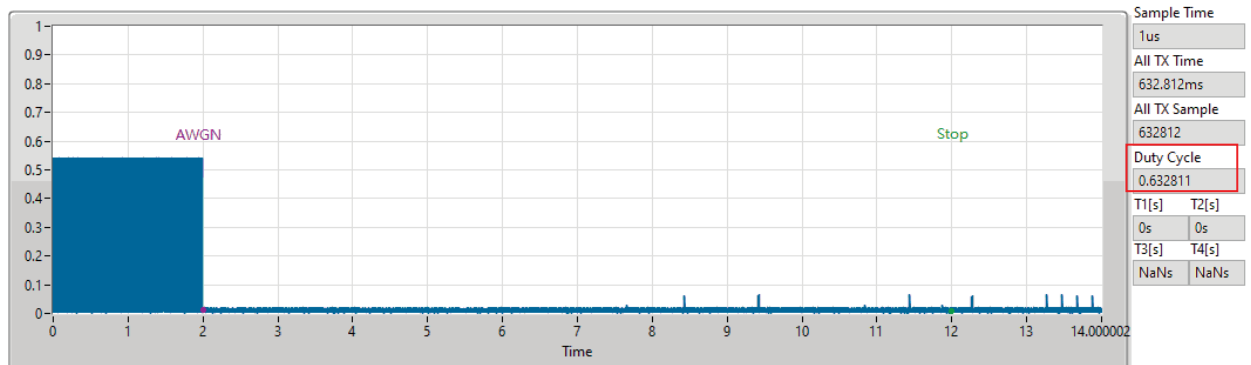
Bandwidth 160MHz: Traffic Loading Plot - 6185MHz

Time Analysis



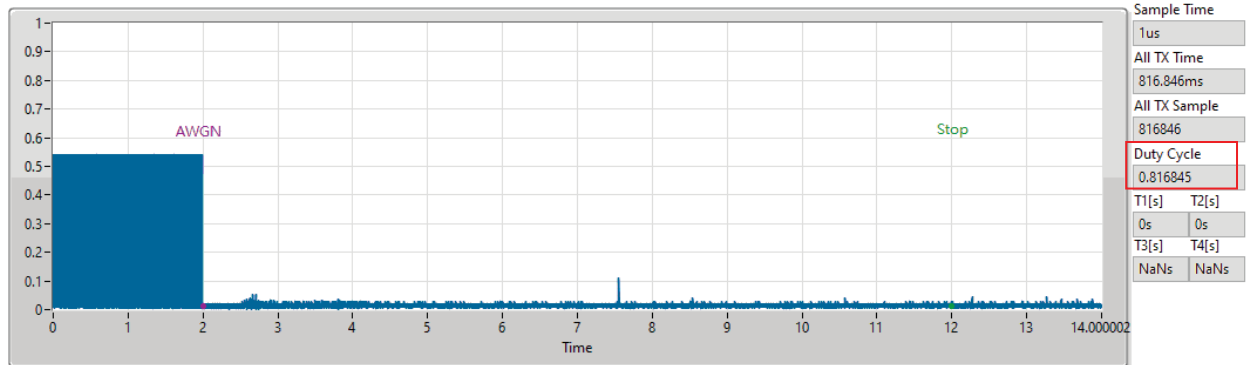
Bandwidth 160MHz: Traffic Loading Plot - 6505MHz

Time Analysis



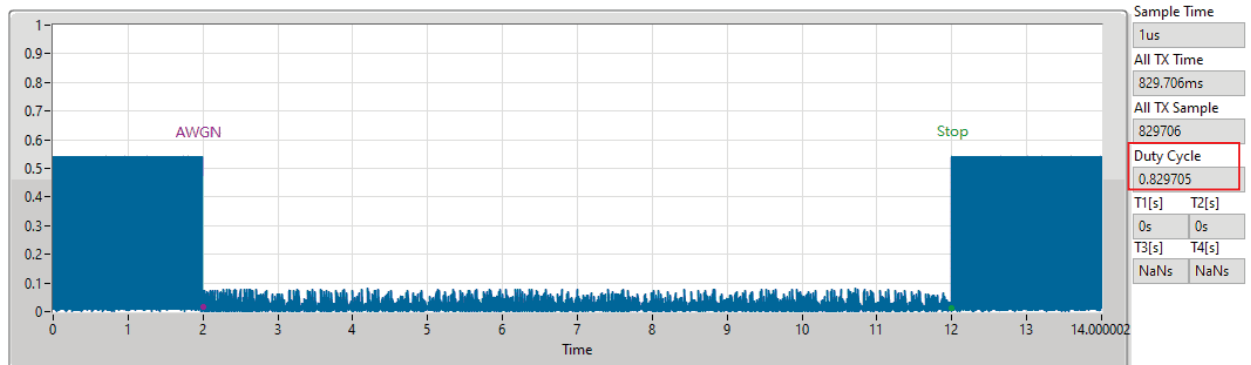
Bandwidth 160MHz: Traffic Loading Plot - 6665MHz

Time Analysis

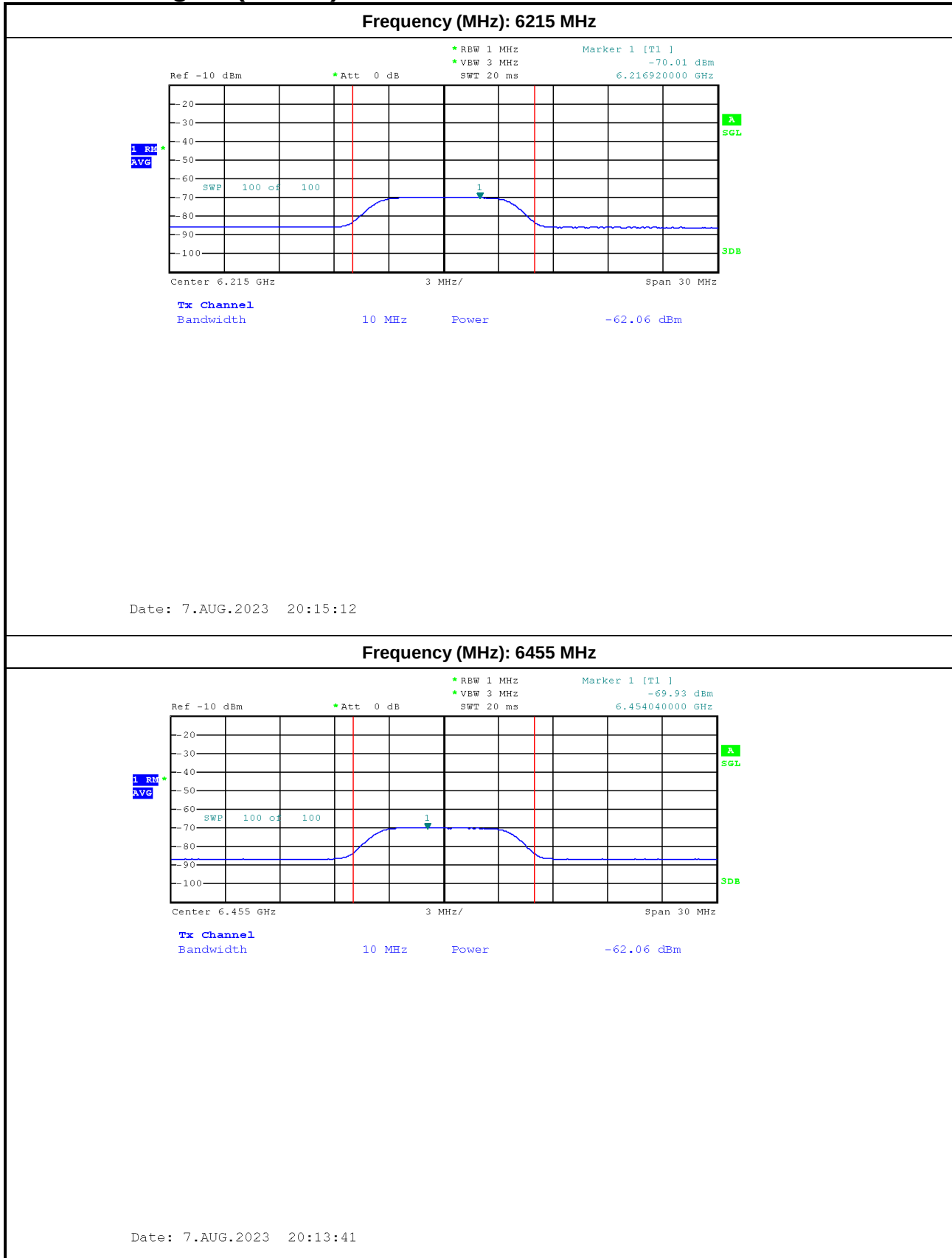


Bandwidth 160MHz: Traffic Loading Plot - 6985MHz

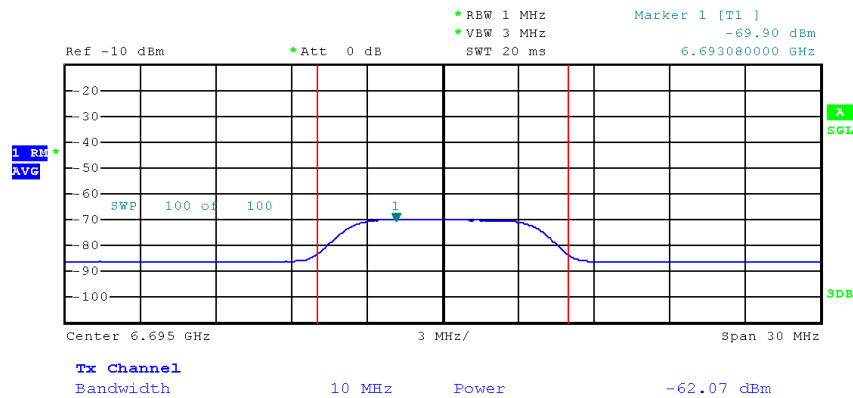
Time Analysis



1. Incumbent signal (AWGN) Plot

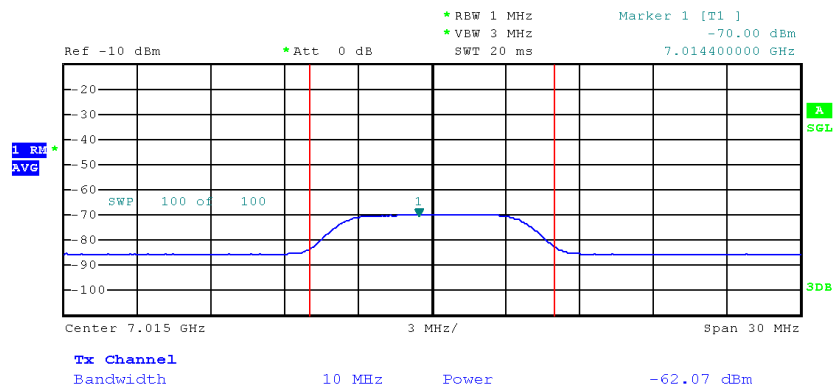


Frequency (MHz): 6695 MHz



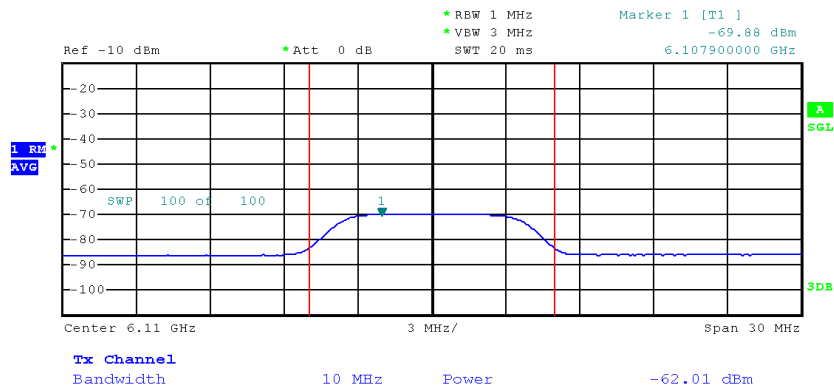
Date: 7.AUG.2023 20:03:34

Frequency (MHz): 7015 MHz



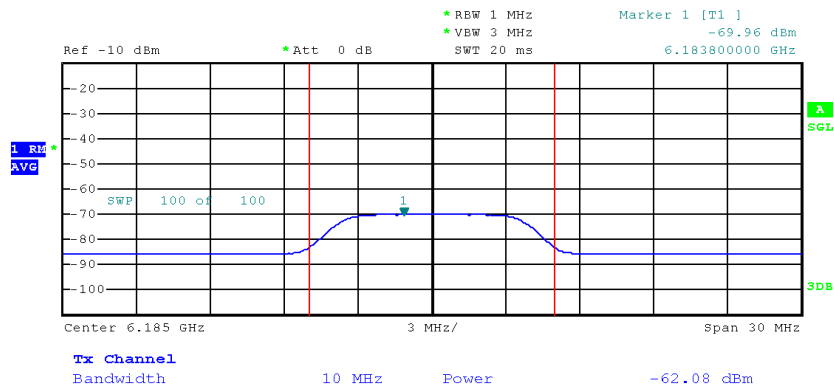
Date: 7.AUG.2023 20:01:30

Frequency (MHz): 6110 MHz



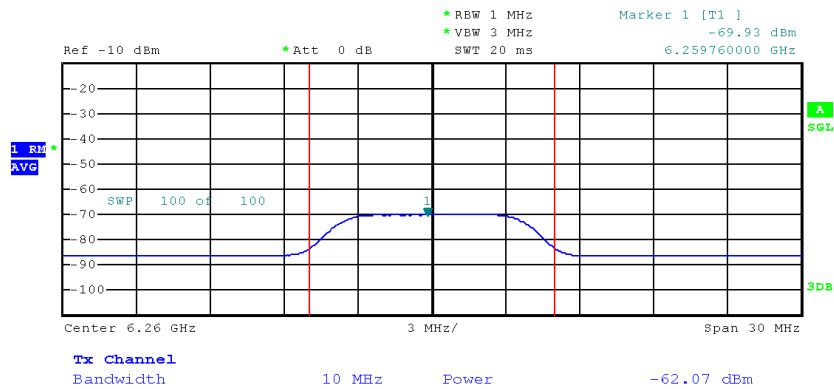
Date: 7.AUG.2023 20:25:16

Frequency (MHz): 6185 MHz



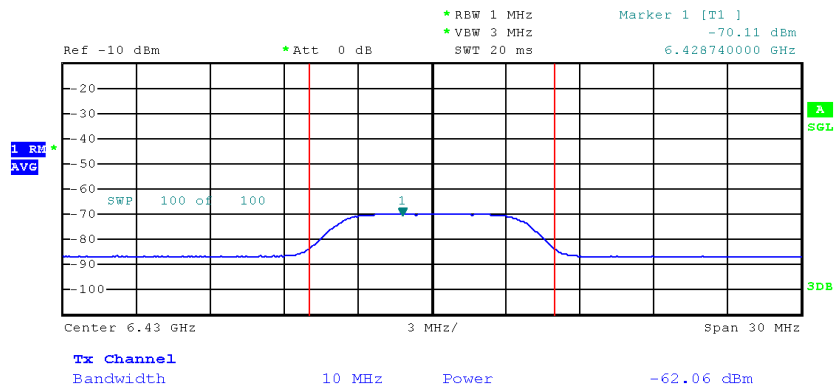
Date: 7.AUG.2023 20:26:22

Frequency (MHz): 6260 MHz



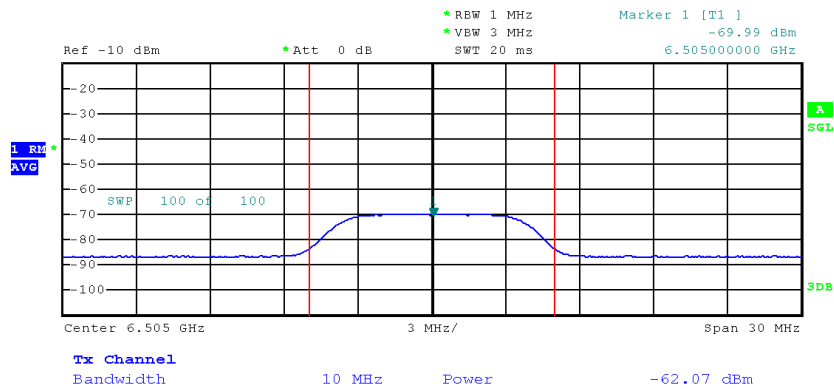
Date: 7.AUG.2023 20:26:50

Frequency (MHz): 6430 MHz



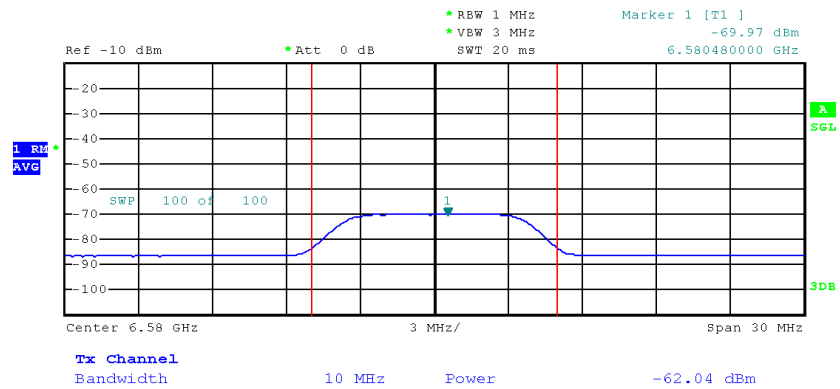
Date: 7.AUG.2023 20:16:32

Frequency (MHz): 6505 MHz



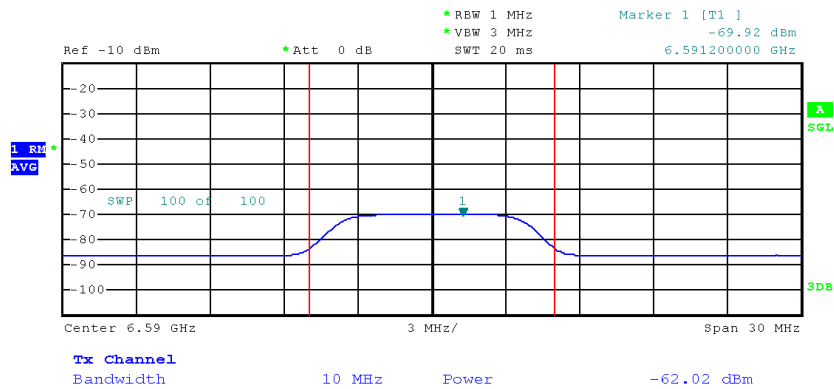
Date: 7.AUG.2023 20:17:56

Frequency (MHz): 6580 MHz



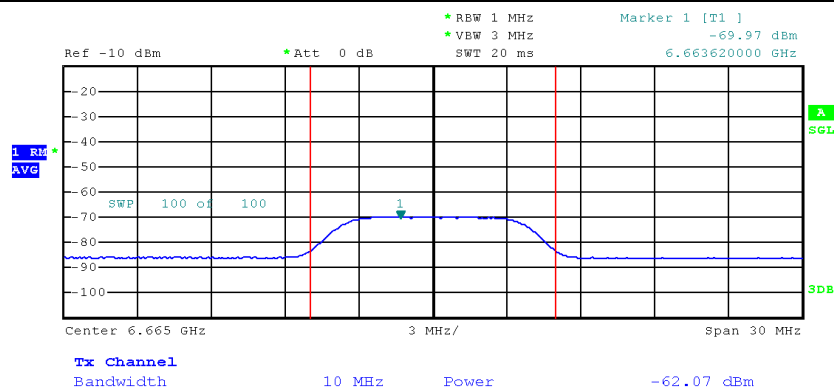
Date: 7.AUG.2023 20:18:46

Frequency (MHz): 6590 MHz



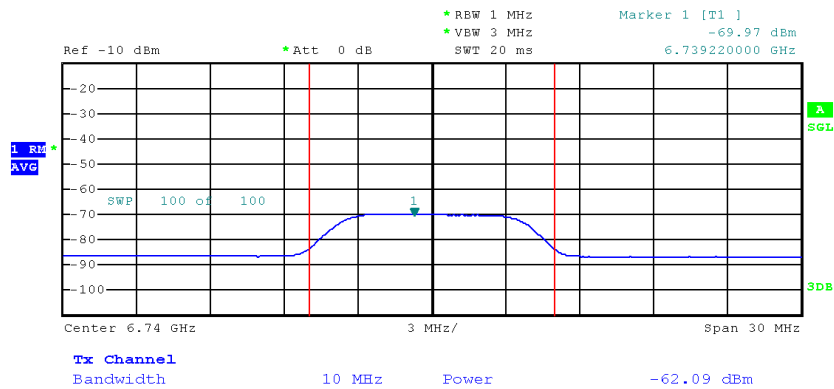
Date: 7.AUG.2023 20:19:35

Frequency (MHz): 6665 MHz



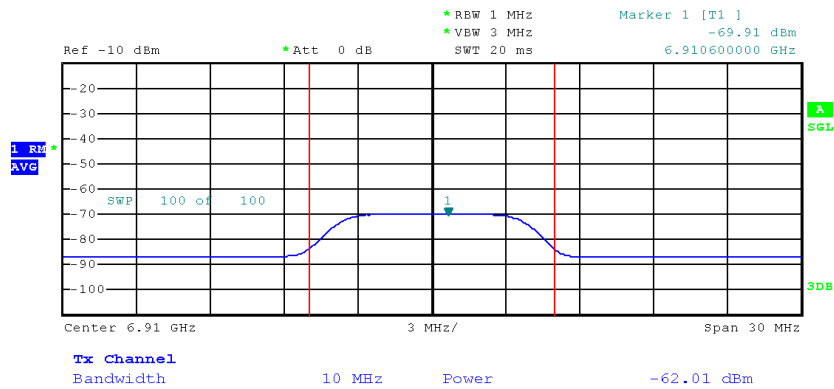
Date: 7.AUG.2023 20:20:23

Frequency (MHz): 6740 MHz



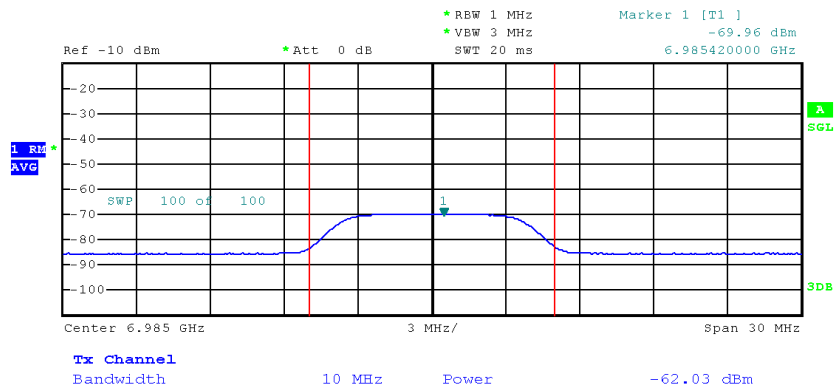
Date: 7.AUG.2023 20:21:38

Frequency (MHz): 6910 MHz



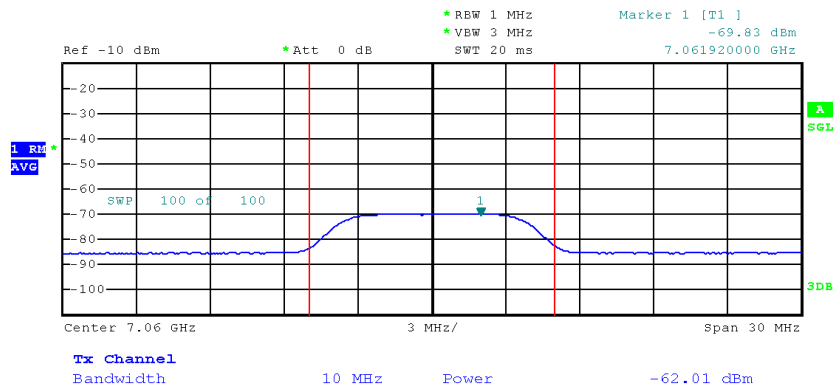
Date: 7.AUG.2023 20:22:30

Frequency (MHz): 6985 MHz



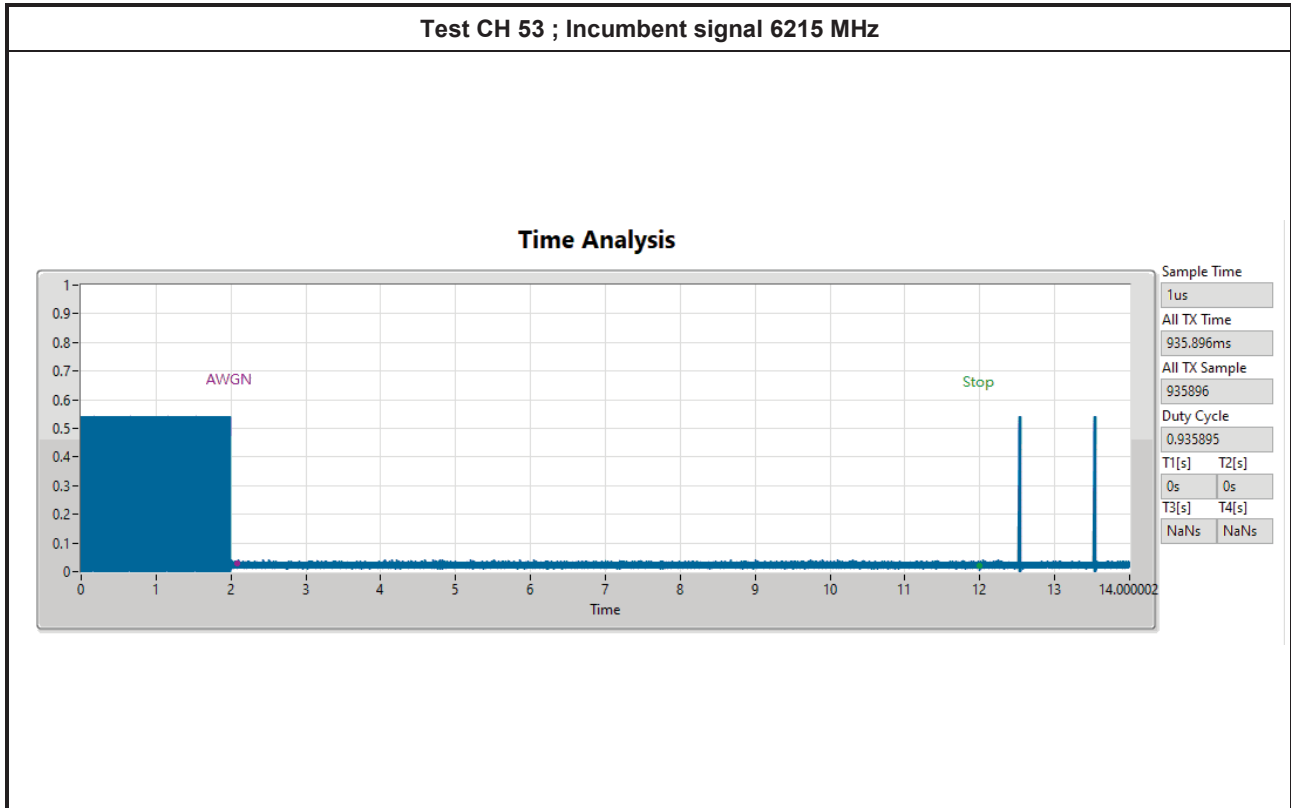
Date: 7.AUG.2023 20:23:19

Frequency (MHz): 7060 MHz

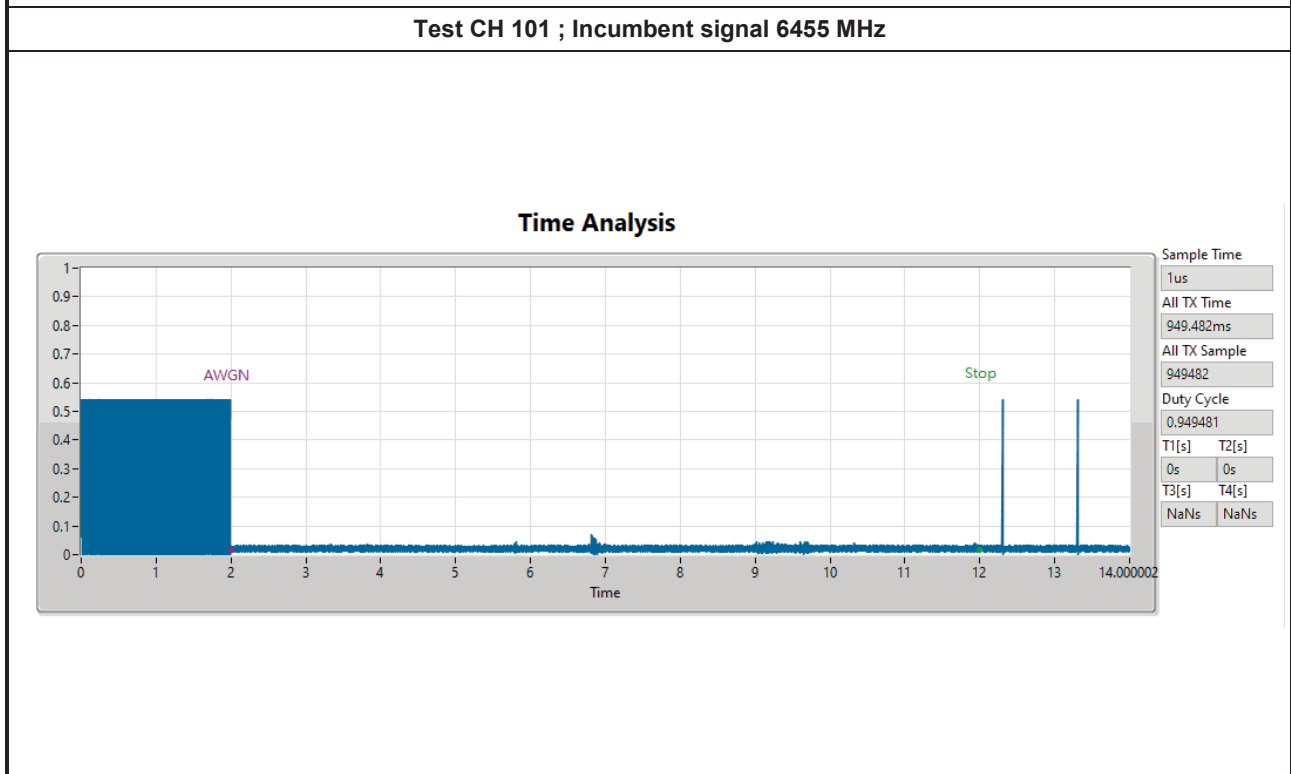


Date: 7.AUG.2023 20:24:11

2. Contention-Based Protocol Plot



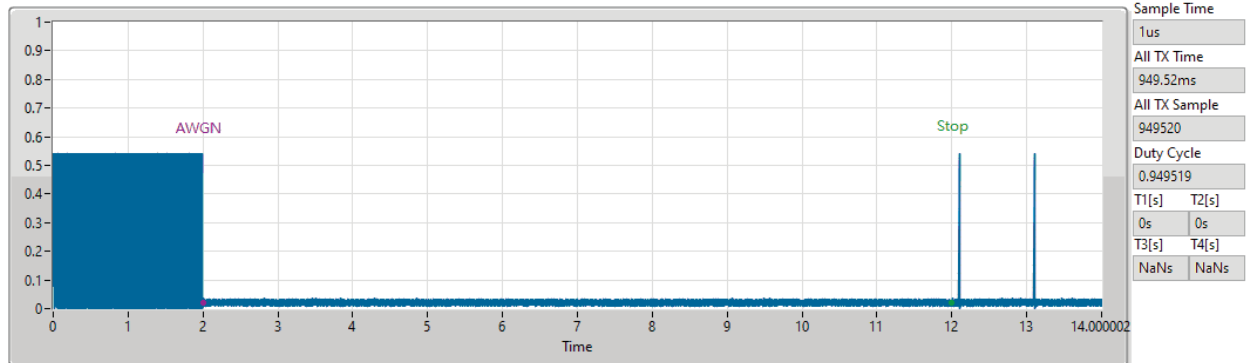
Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 149 ; Incumbent signal 6695 MHz

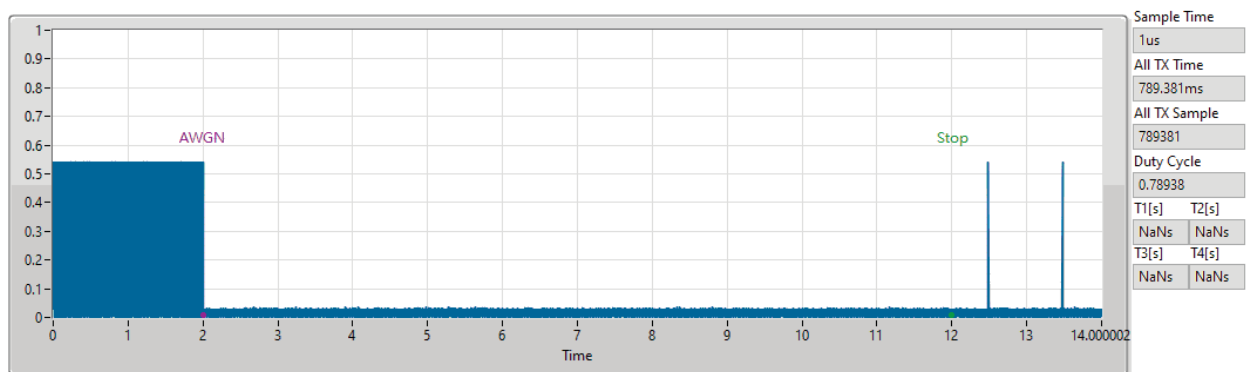
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 213 ; Incumbent signal 7015 MHz

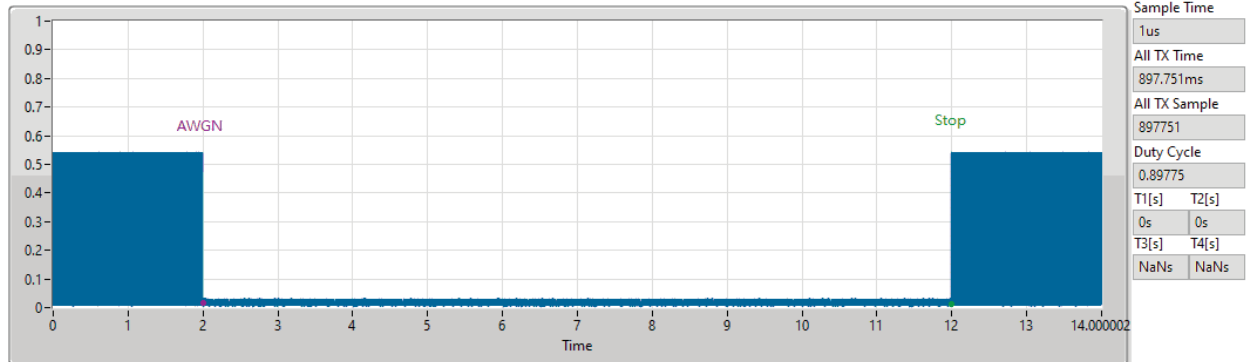
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 47 ; Incumbent signal 6110 MHz

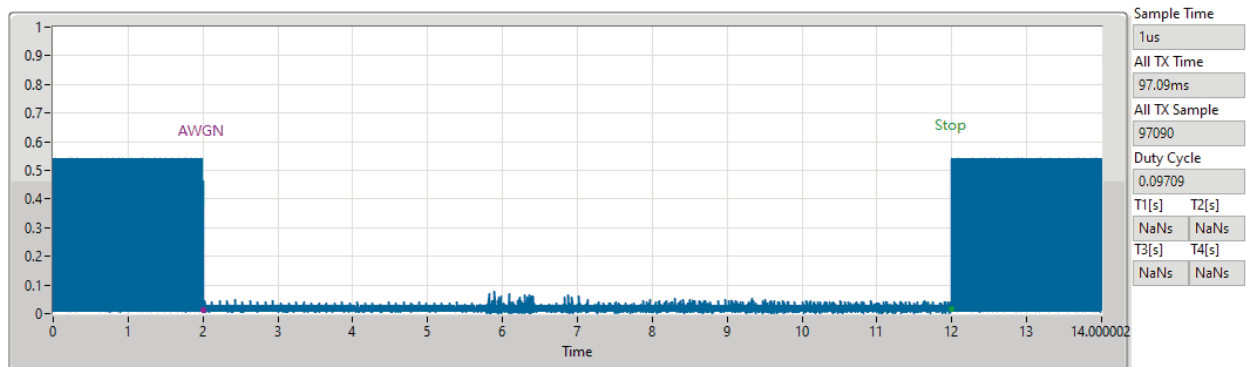
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 47 ; Incumbent signal 6185 MHz

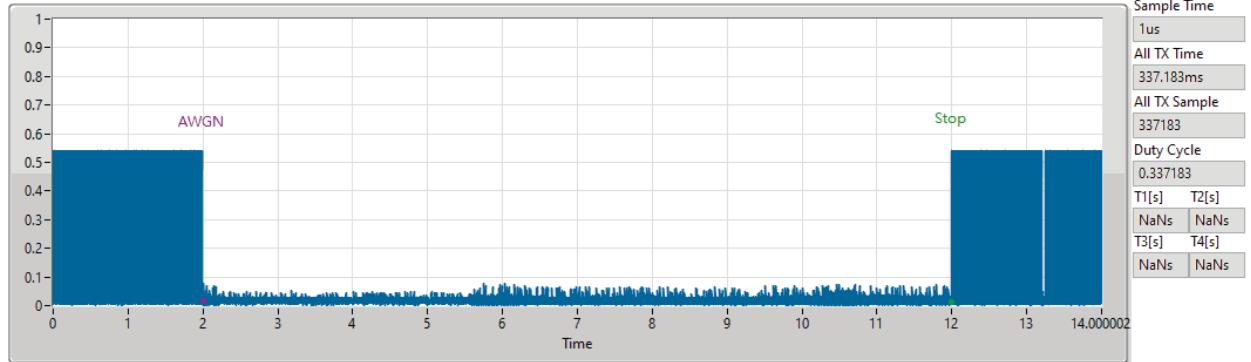
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 47 ; Incumbent signal 6260 MHz

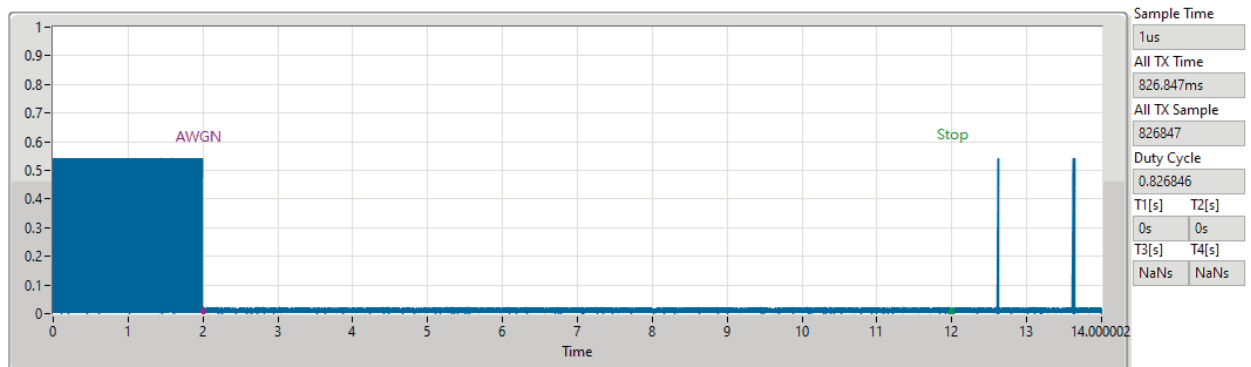
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 111 ; Incumbent signal 6430 MHz

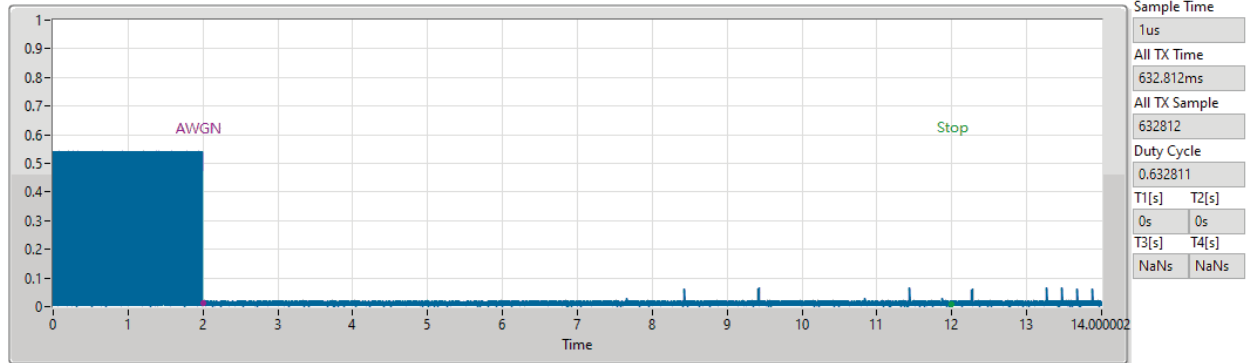
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 111 ; Incumbent signal 6505 MHz

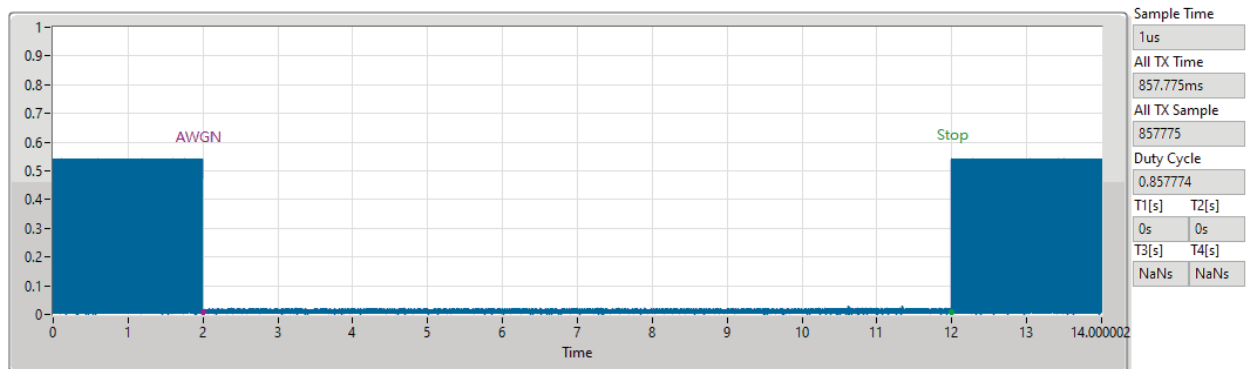
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 111 ; Incumbent signal 6580 MHz

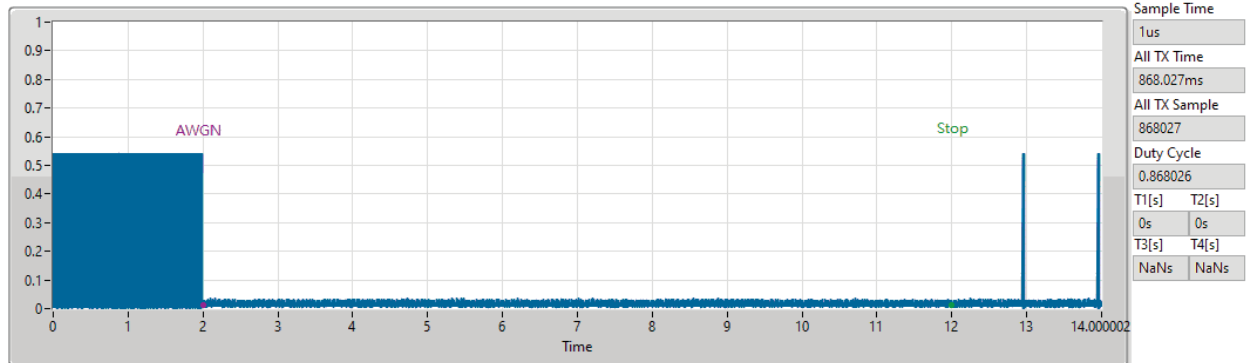
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 143 ; Incumbent signal 6590 MHz

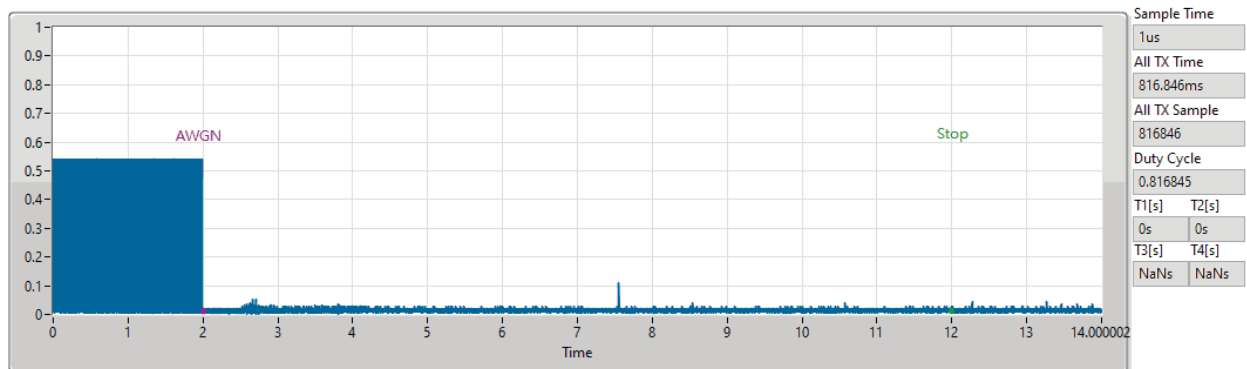
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 143 ; Incumbent signal 6665 MHz

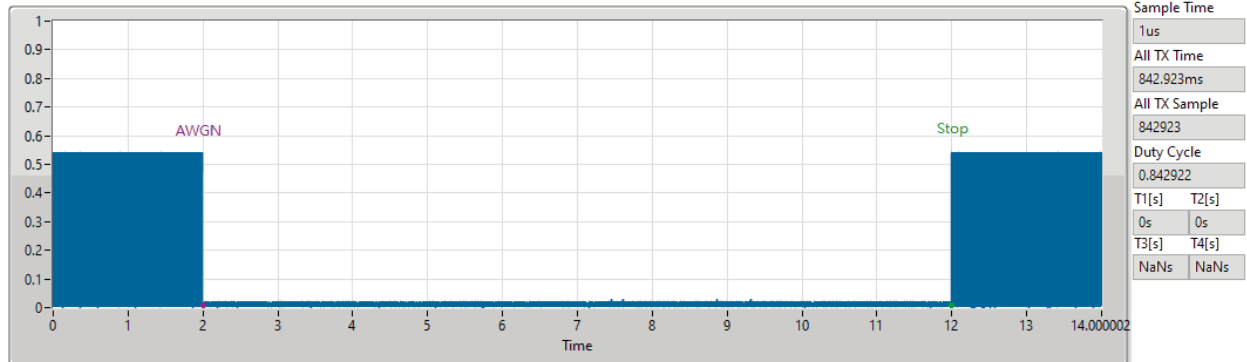
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 143 ; Incumbent signal 6740 MHz

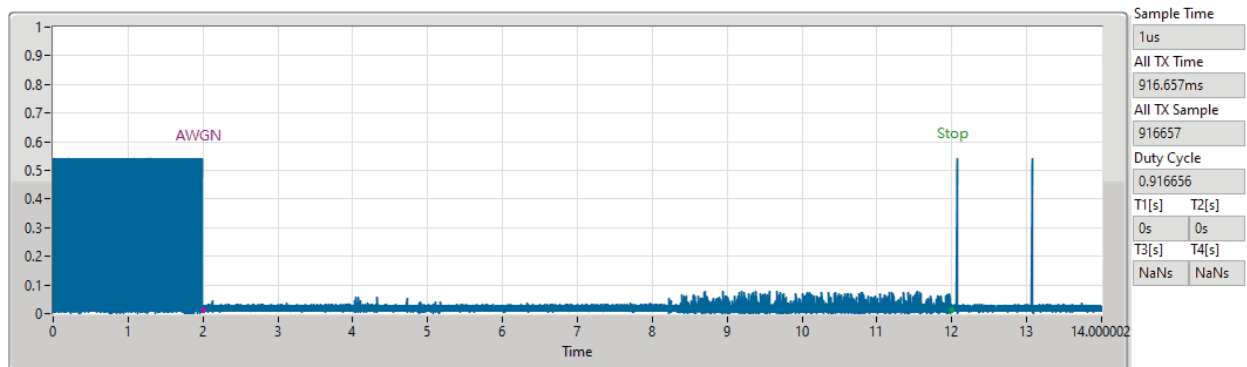
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 207 ; Incumbent signal 6910 MHz

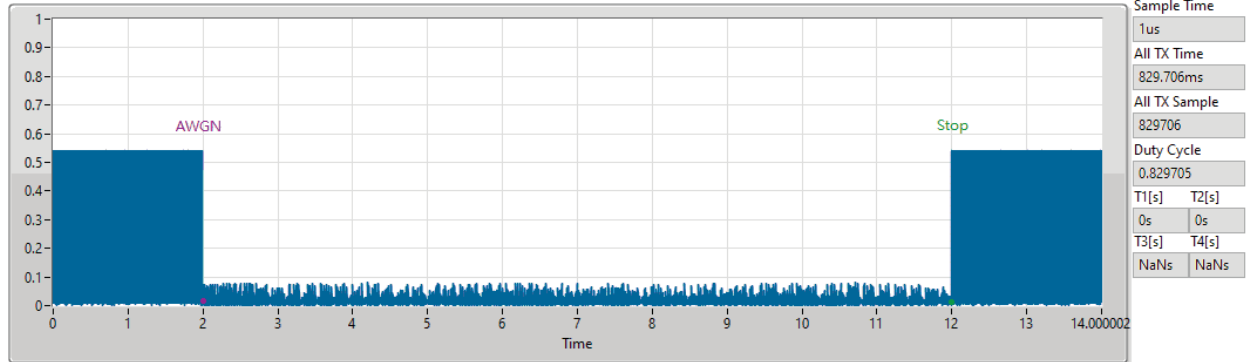
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 207 ; Incumbent signal 6985 MHz

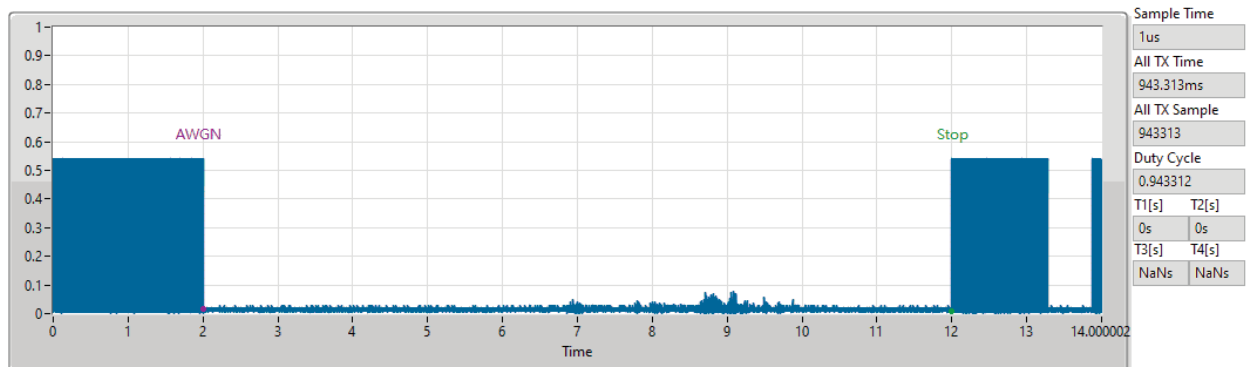
Time Analysis



Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Test CH 207 ; Incumbent signal 7060 MHz

Time Analysis

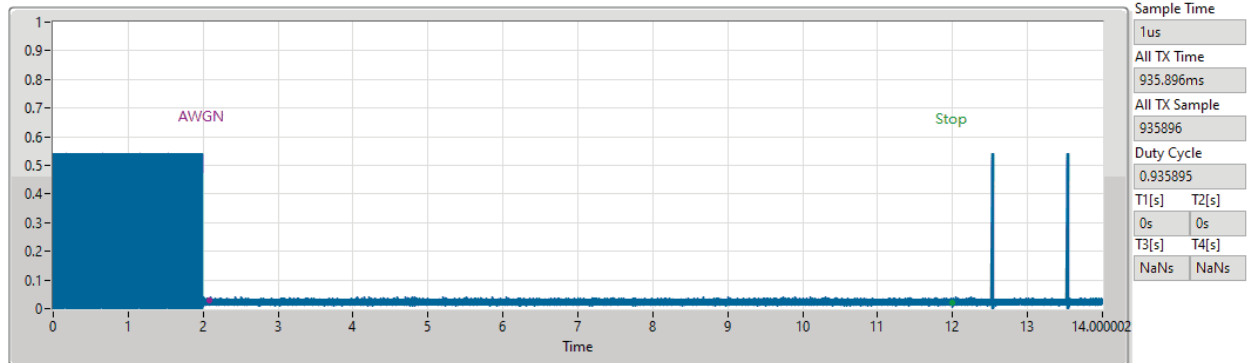


Note : M1 : Inject AWGN signal ; M2 : Remove AWGN signal.

Bandwidth (MHz): 20

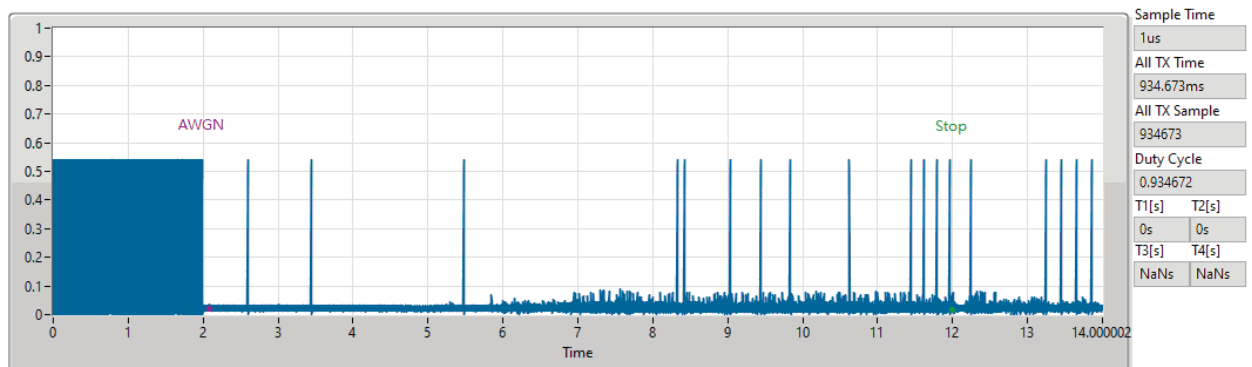
Frequency (MHz): 6215 MHz (Threshold Level:-57 dBm)

Time Analysis



Frequency (MHz): 6215 MHz (Threshold Level:-58 dBm)

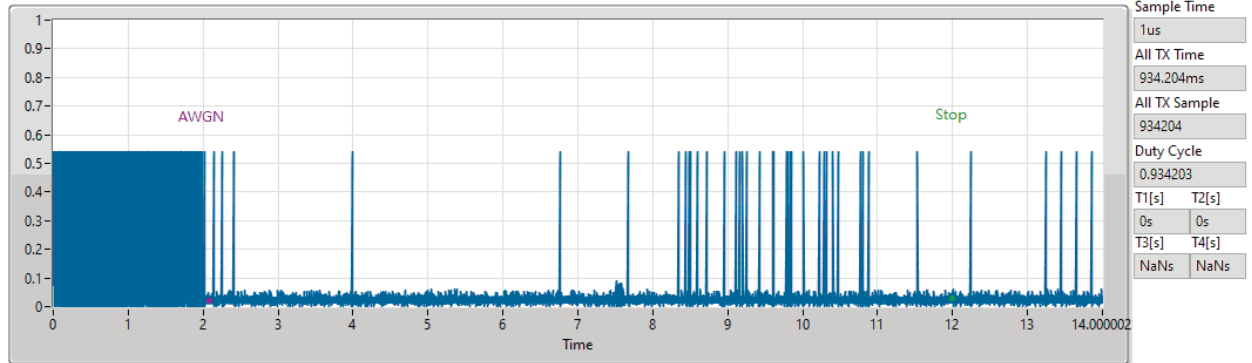
Time Analysis



Bandwidth (MHz): 20

Frequency (MHz): 6215 MHz (Threshold Level: -59 dBm)

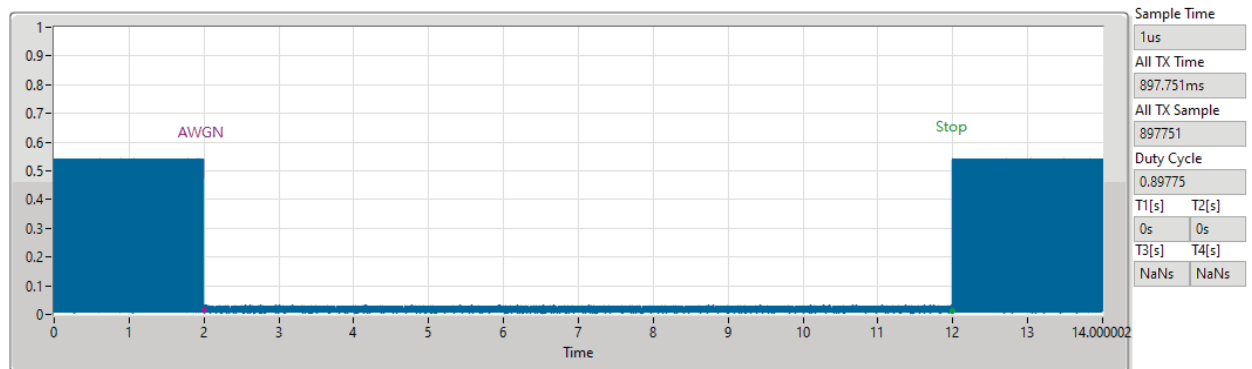
Time Analysis



Bandwidth (MHz): 160

Frequency (MHz): 6110 MHz (Threshold Level: -64 dBm)

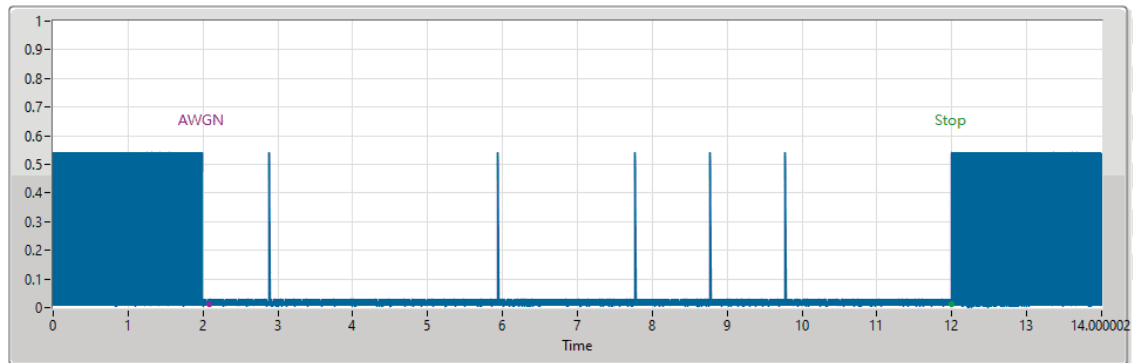
Time Analysis



Bandwidth (MHz): 160

Frequency (MHz): 6110 MHz (Threshold Level: -65 dBm)

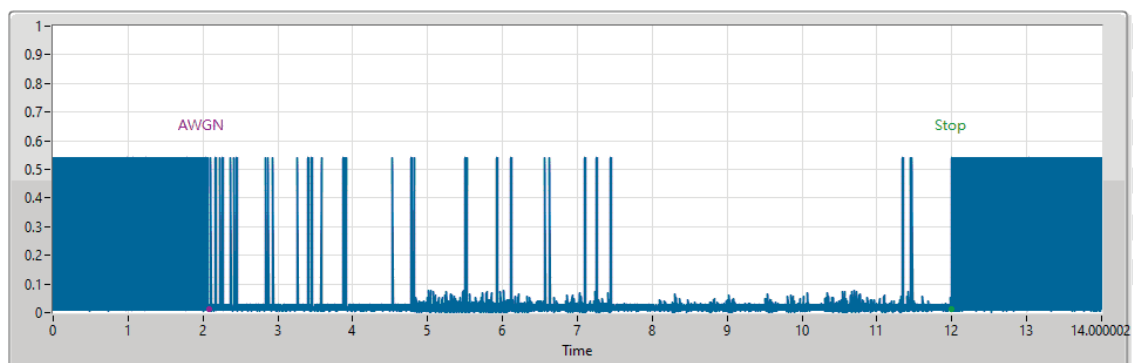
Time Analysis



Sample Time	
1us	
All TX Time	
890.614ms	
All TX Sample	
890614	
Duty Cycle	
0.890613	
T1[s]	T2[s]
0s	0s
T3[s]	T4[s]
NaNs	NaNs

Frequency (MHz): 6110 MHz (Threshold Level: -66 dBm)

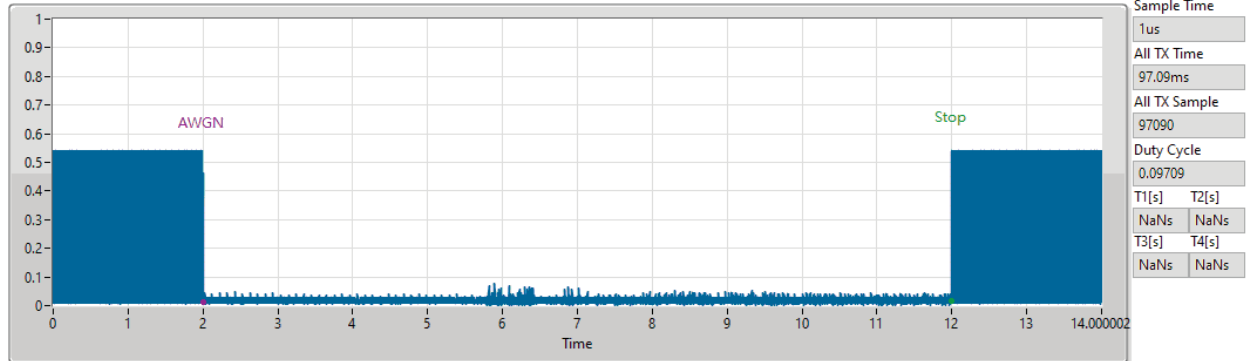
Time Analysis



Sample Time	
1us	
All TX Time	
889.493ms	
All TX Sample	
889493	
Duty Cycle	
0.889492	
T1[s]	T2[s]
0s	0s
T3[s]	T4[s]
NaNs	NaNs

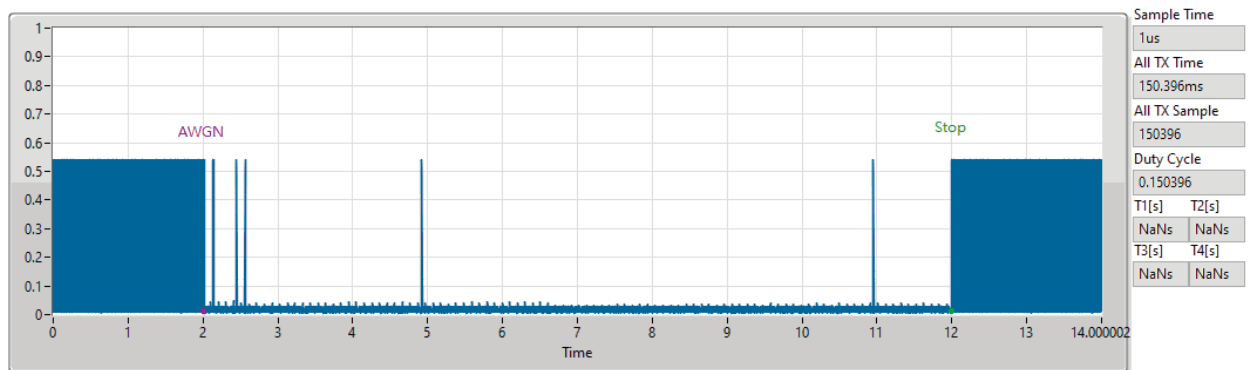
Frequency (MHz): 6185 MHz (Threshold Level: -61 dBm)

Time Analysis



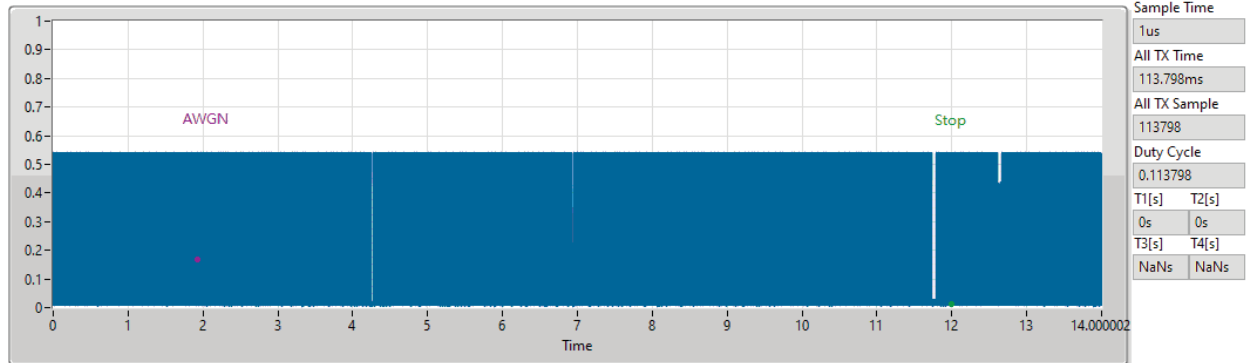
Frequency (MHz): 6185 MHz (Threshold Level: -62 dBm)

Time Analysis



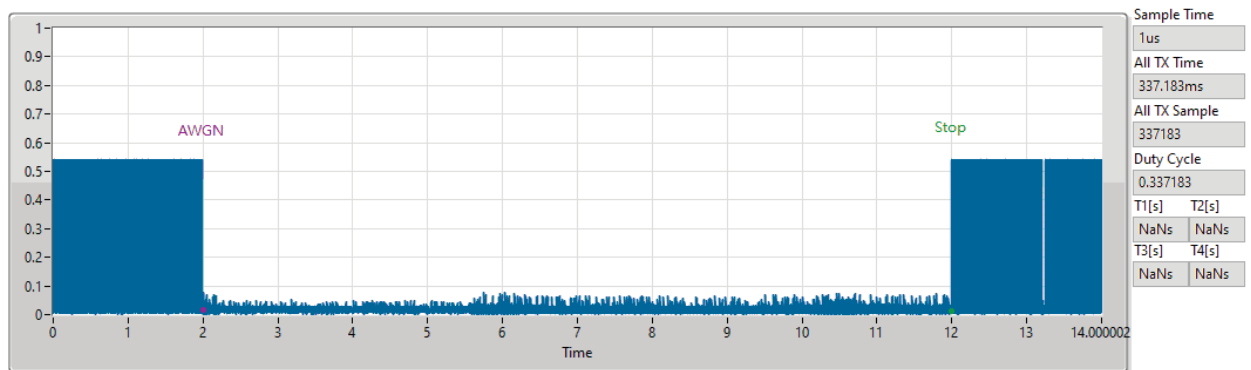
Frequency (MHz): 6185 MHz (Threshold Level: -63 dBm)

Time Analysis



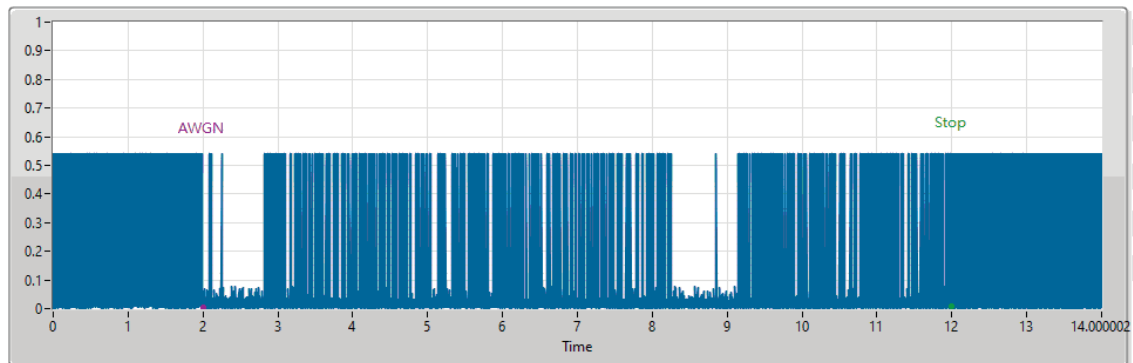
Frequency (MHz): 6260 MHz (Threshold Level: -67 dBm)

Time Analysis



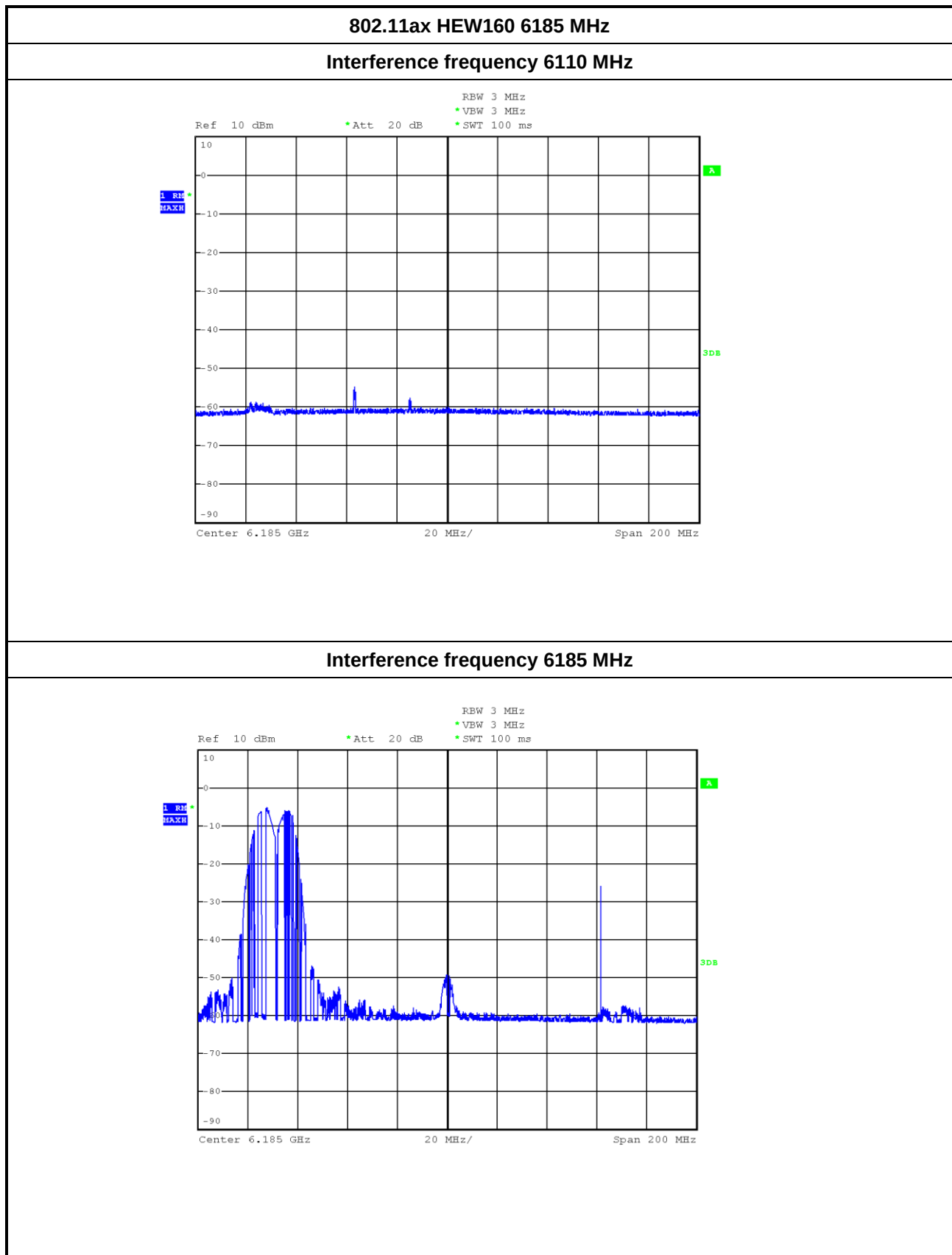
Frequency (MHz): 6260 MHz (Threshold Level: -68dBm)

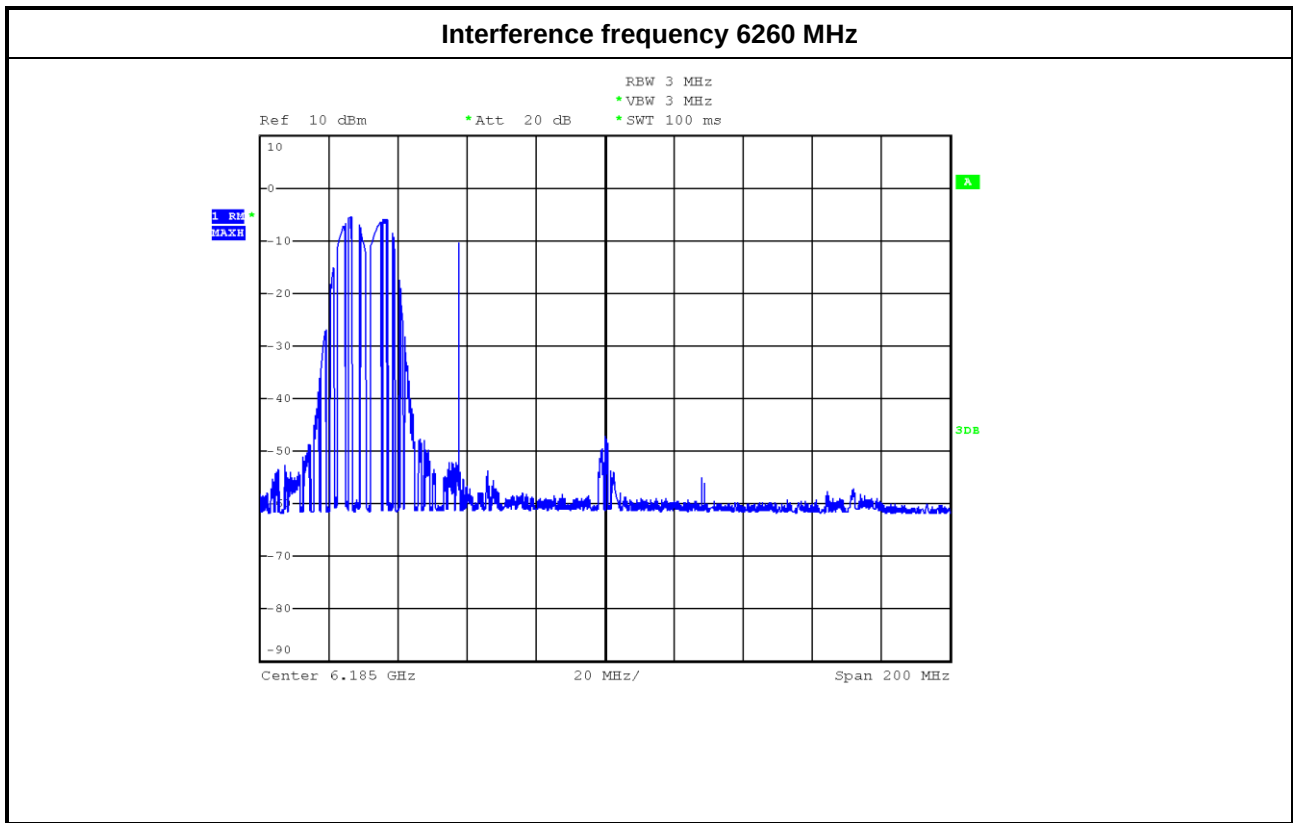
Time Analysis



Sample Time	
1us	
All TX Time	
348.217ms	
All TX Sample	
348217	
Duty Cycle	
0.348217	
T1[s]	T2[s]
NaNs	NaNs
T3[s]	T4[s]
NaNs	NaNs

3. Bandwidth Reduction







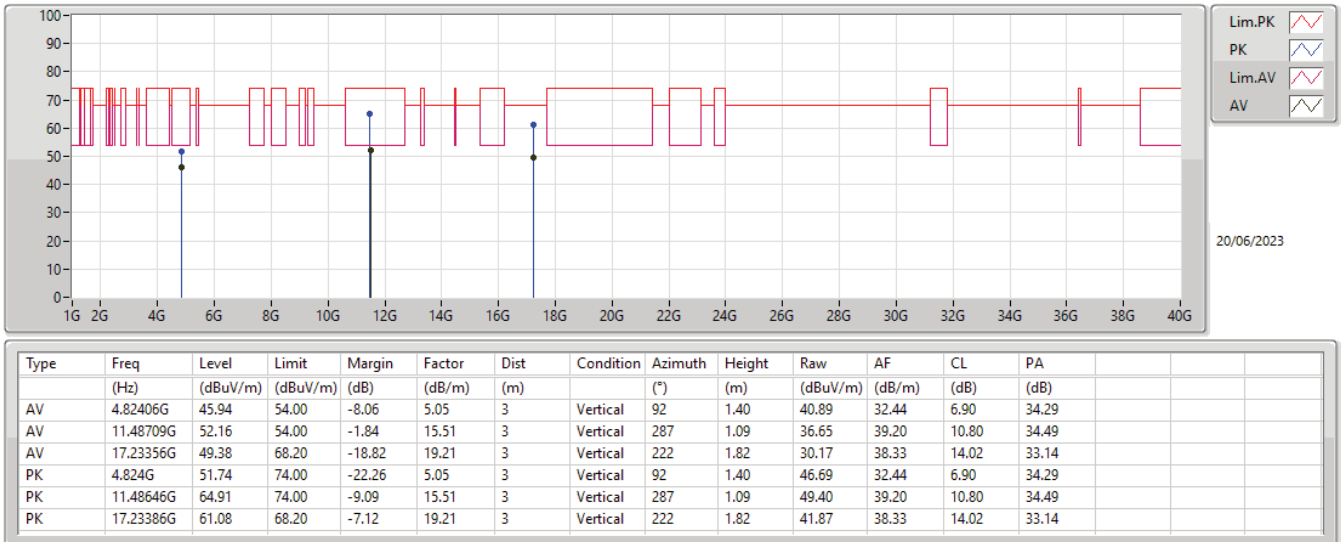
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	11.48709G	52.16	54.00	-1.84	Vertical
Mode 2	Pass	AV	4.82408G	47.13	54.00	-6.87	Vertical

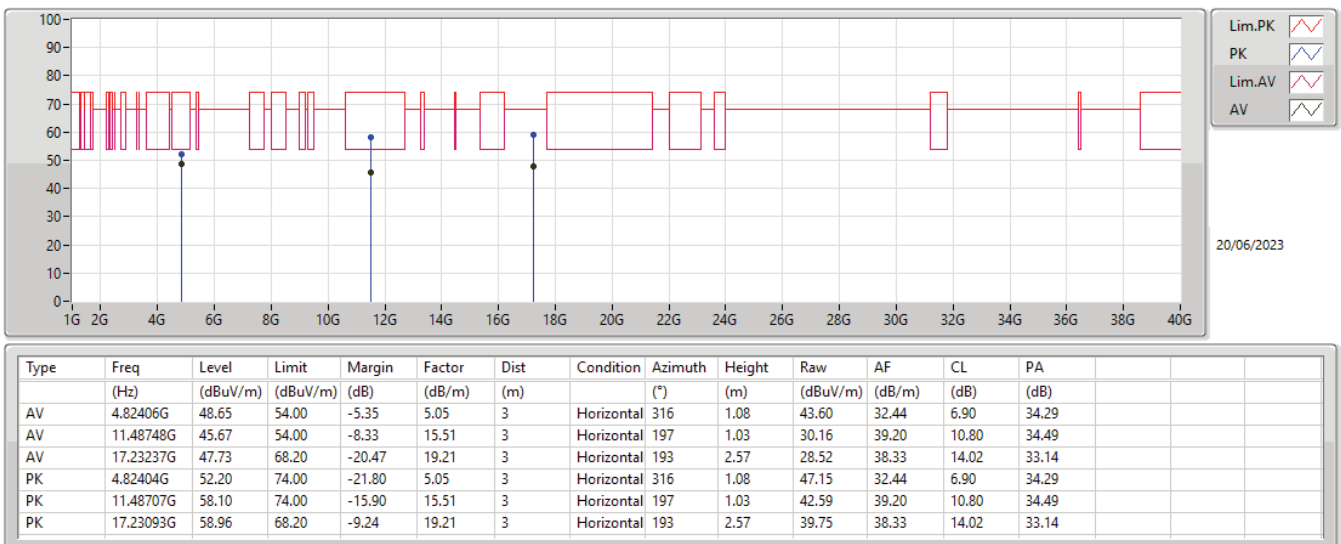
**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.82406G	45.94	54.00	-8.06	3	Vertical	92	1.40
Mode 1	Pass	AV	11.48709G	52.16	54.00	-1.84	3	Vertical	287	1.09
Mode 1	Pass	AV	17.23356G	49.38	68.20	-18.82	3	Vertical	222	1.82
Mode 1	Pass	PK	4.824G	51.74	74.00	-22.26	3	Vertical	92	1.40
Mode 1	Pass	PK	11.48646G	64.91	74.00	-9.09	3	Vertical	287	1.09
Mode 1	Pass	PK	17.23386G	61.08	68.20	-7.12	3	Vertical	222	1.82
Mode 1	Pass	AV	4.82406G	48.65	54.00	-5.35	3	Horizontal	316	1.08
Mode 1	Pass	AV	11.48748G	45.67	54.00	-8.33	3	Horizontal	197	1.03
Mode 1	Pass	AV	17.23237G	47.73	68.20	-20.47	3	Horizontal	193	2.57
Mode 1	Pass	PK	4.82404G	52.20	74.00	-21.80	3	Horizontal	316	1.08
Mode 1	Pass	PK	11.48707G	58.10	74.00	-15.90	3	Horizontal	197	1.03
Mode 1	Pass	PK	17.23093G	58.96	68.20	-9.24	3	Horizontal	193	2.57
Mode 2	Pass	AV	4.82408G	47.13	54.00	-6.87	3	Vertical	60	1.00
Mode 2	Pass	AV	13.02737G	46.69	68.20	-21.51	3	Vertical	344	1.07
Mode 2	Pass	AV	19.5211G	38.83	54.00	-15.17	3	Vertical	287	2.17
Mode 2	Pass	PK	4.8241G	51.91	74.00	-22.09	3	Vertical	60	1.00
Mode 2	Pass	PK	13.02653G	62.03	88.20	-26.17	3	Vertical	344	1.07
Mode 2	Pass	PK	19.5011G	47.49	74.00	-26.51	3	Vertical	287	2.17
Mode 2	Pass	AV	4.8241G	46.41	54.00	-7.59	3	Horizontal	314	1.08
Mode 2	Pass	AV	13.01798G	44.40	68.20	-23.80	3	Horizontal	360	1.18
Mode 2	Pass	AV	19.5324G	39.19	54.00	-14.81	3	Horizontal	320	2.12
Mode 2	Pass	PK	4.82406G	50.91	74.00	-23.09	3	Horizontal	314	1.08
Mode 2	Pass	PK	13.01755G	57.15	88.20	-31.05	3	Horizontal	360	1.18
Mode 2	Pass	PK	19.5232G	48.32	74.00	-25.68	3	Horizontal	320	2.12

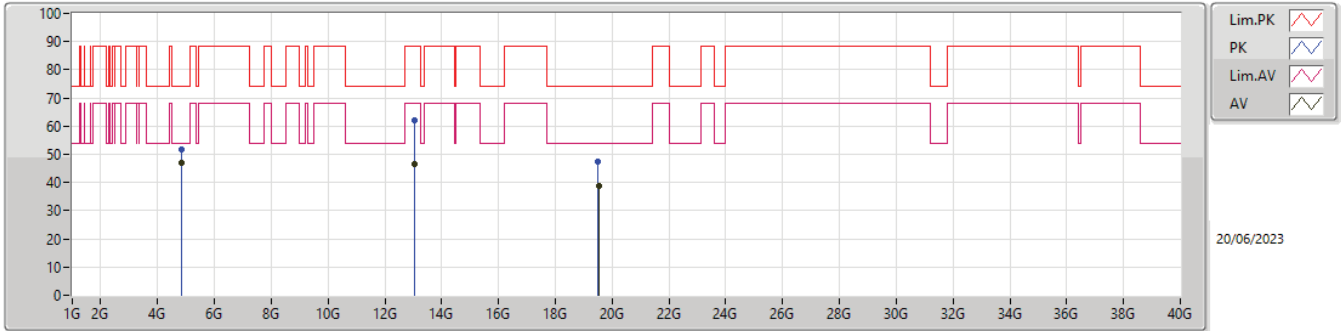
Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1

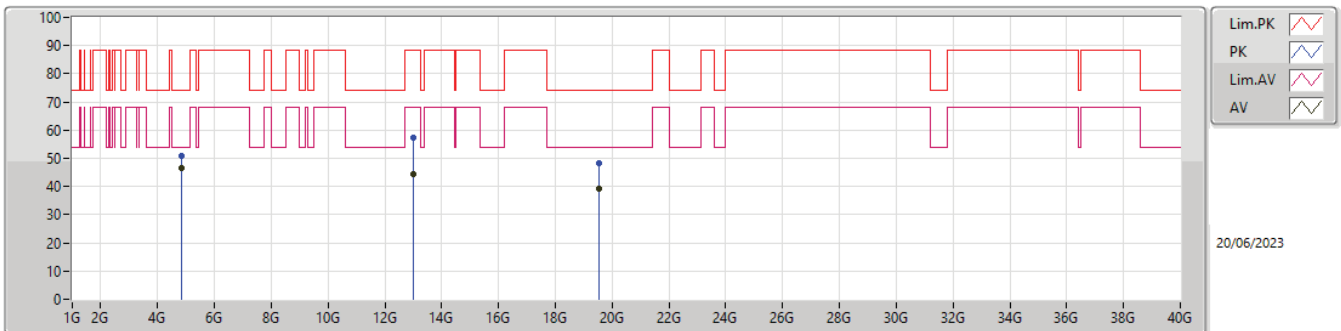


Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)				
AV	4.82408G	47.13	54.00	-6.87	5.05	3	Vertical	60	1.00	42.08	32.44	6.90	34.29				
AV	13.02737G	46.69	68.20	-21.51	17.75	3	Vertical	344	1.07	28.94	39.77	11.41	33.43				
AV	19.5211G	38.83	54.00	-15.17	-9.12	3	Vertical	287	2.17	47.95	37.89	14.68	52.15				
PK	4.8241G	51.91	74.00	-22.09	5.05	3	Vertical	60	1.00	46.86	32.44	6.90	34.29				
PK	13.02653G	62.03	88.20	-26.17	17.75	3	Vertical	344	1.07	44.28	39.77	11.41	33.43				
PK	19.5011G	47.49	74.00	-26.51	-9.06	3	Vertical	287	2.17	56.55	37.90	14.68	52.10				

Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)				
AV	4.8241G	46.41	54.00	-7.59	5.05	3	Horizontal	314	1.08	41.36	32.44	6.90	34.29				
AV	13.01798G	44.40	68.20	-23.80	17.75	3	Horizontal	360	1.18	26.65	39.78	11.41	33.44				
AV	19.5324G	39.19	54.00	-14.81	-9.14	3	Horizontal	320	2.12	48.33	37.89	14.68	52.17				
PK	4.82406G	50.91	74.00	-23.09	5.05	3	Horizontal	314	1.08	45.86	32.44	6.90	34.29				
PK	13.01753G	57.15	88.20	-31.05	17.74	3	Horizontal	360	1.18	39.41	39.78	11.41	33.45				
PK	19.5232G	48.32	74.00	-25.68	-9.12	3	Horizontal	320	2.12	57.44	37.89	14.68	52.15				