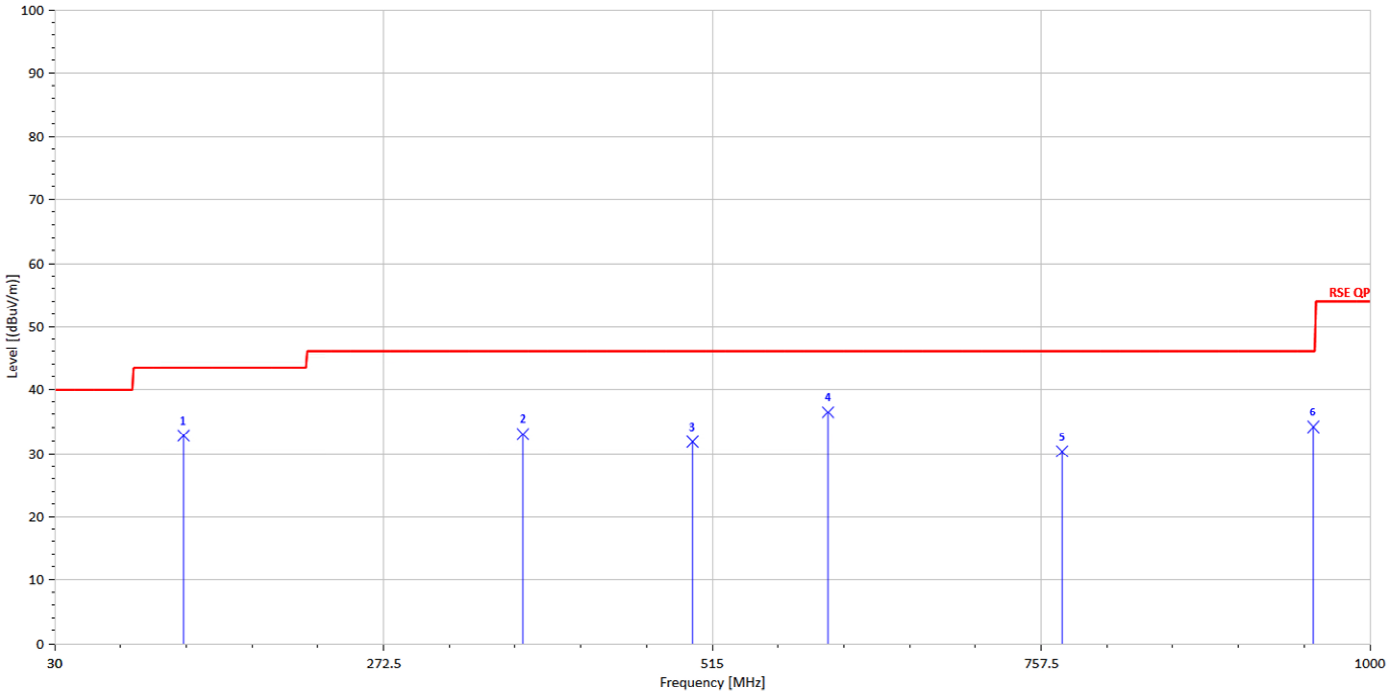
Below 1GHz Worst-Case Data:

Radiated Spurious Emission Measurement Result (802.11 g)

Operation Mode :	802.11g	Test Date :	2017/9/26
Fundamental Frequency :	2412 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
125.06	S	Peak	48.51	-15.68	32.83	43.5	-10.67
375.32	S	Peak	43.57	-10.53	33.04	46	-12.96
500.45	S	Peak	39.38	-7.53	31.85	46	-14.15
600.36	S	Peak	42.95	-6.56	36.39	46	-9.61
773.02	S	Peak	34.90	-4.59	30.31	46	-15.69
958.29	S	Peak	36.23	-2.06	34.17	46	-11.83

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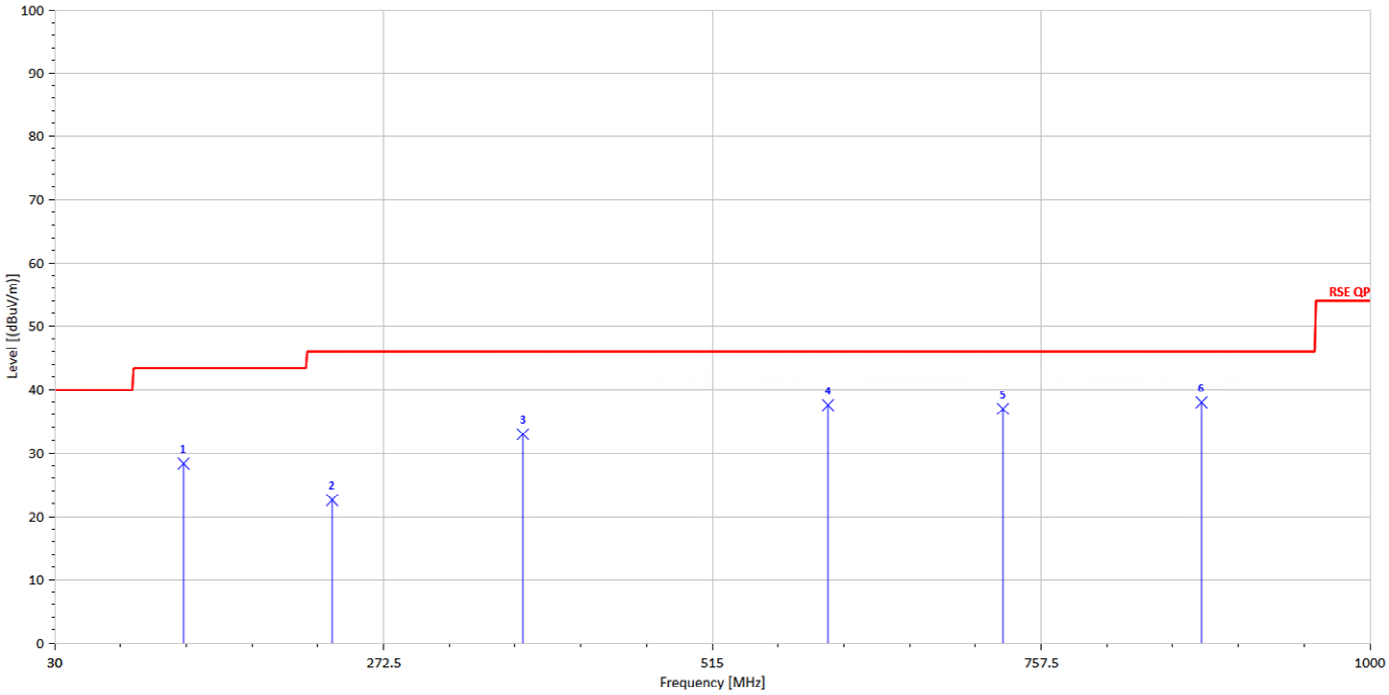
Operation Mode :	802.11g	Test Date :	2017/9/26
Fundamental Frequency :	2412 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
125.06	S	Peak	43.96	-15.68	28.28	43.5	-15.22
234.67	S	Peak	38.39	-15.87	22.52	46	-23.48
375.32	S	Peak	43.47	-10.53	32.94	46	-13.06
600.36	S	Peak	44.14	-6.56	37.58	46	-8.42
729.37	S	Peak	41.61	-4.64	36.97	46	-9.03
875.84	S	Peak	40.81	-2.80	38.00	46	-8.00

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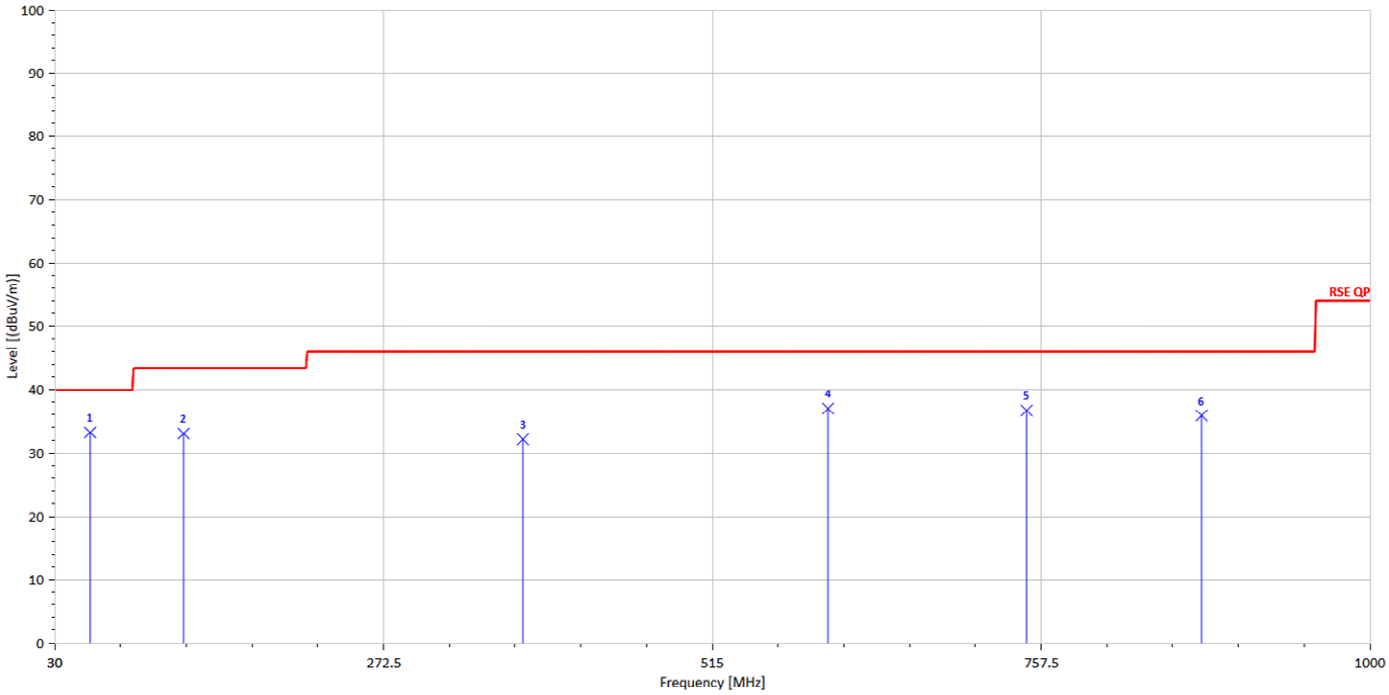
Operation Mode :	802.11g	Test Date :	2017/9/26
Fundamental Frequency :	2437 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
56.19	S	Peak	54.81	-21.59	33.22	40	-6.78
125.06	S	Peak	48.74	-15.68	33.06	43.5	-10.44
375.32	S	Peak	42.65	-10.53	32.12	46	-13.88
600.36	S	Peak	43.57	-6.56	37.01	46	-8.99
746.83	S	Peak	40.94	-4.23	36.71	46	-9.29
875.84	S	Peak	38.71	-2.80	35.91	46	-10.09

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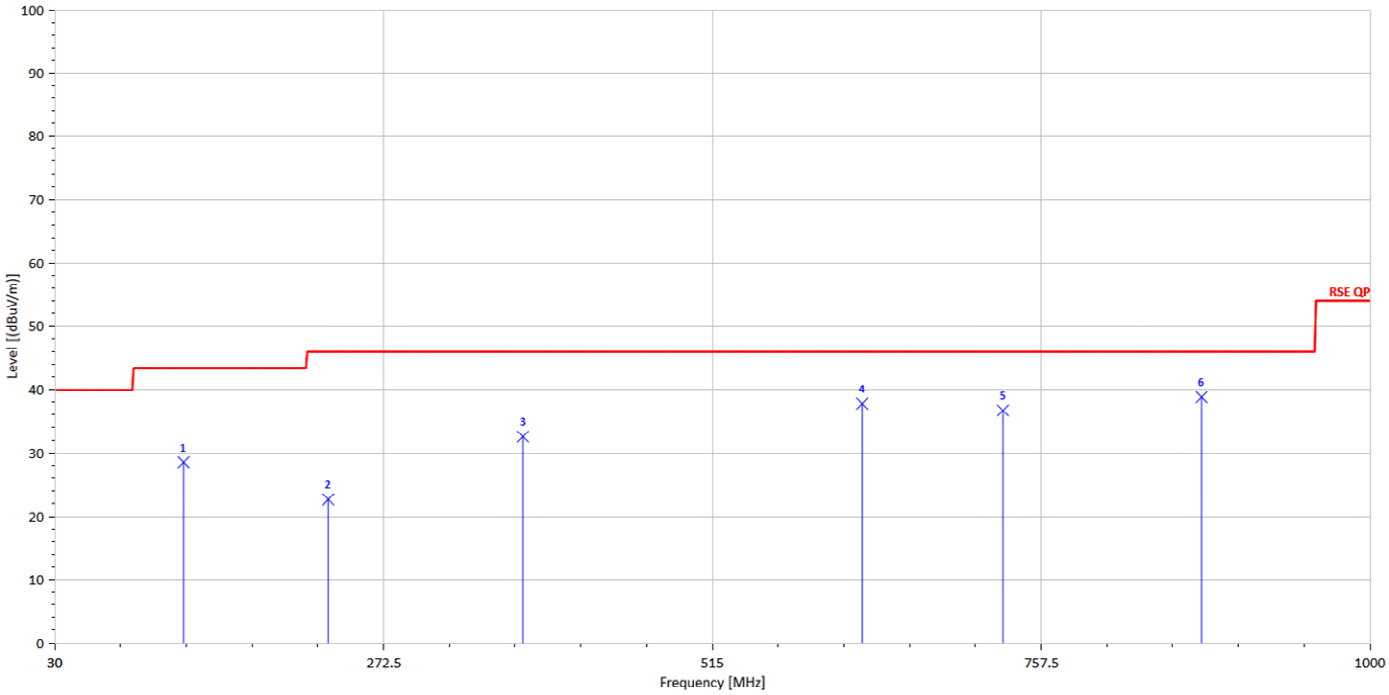
Operation Mode :	802.11g	Test Date :	2017/9/26
Fundamental Frequency :	2437 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
125.06	S	Peak	44.15	-15.68	28.47	43.5	-15.03
231.76	S	Peak	38.70	-16.09	22.61	46	-23.39
375.32	S	Peak	43.09	-10.53	32.56	46	-13.44
625.58	S	Peak	43.89	-6.10	37.79	46	-8.21
729.37	S	Peak	41.35	-4.64	36.70	46	-9.30
875.84	S	Peak	41.62	-2.80	38.82	46	-7.18

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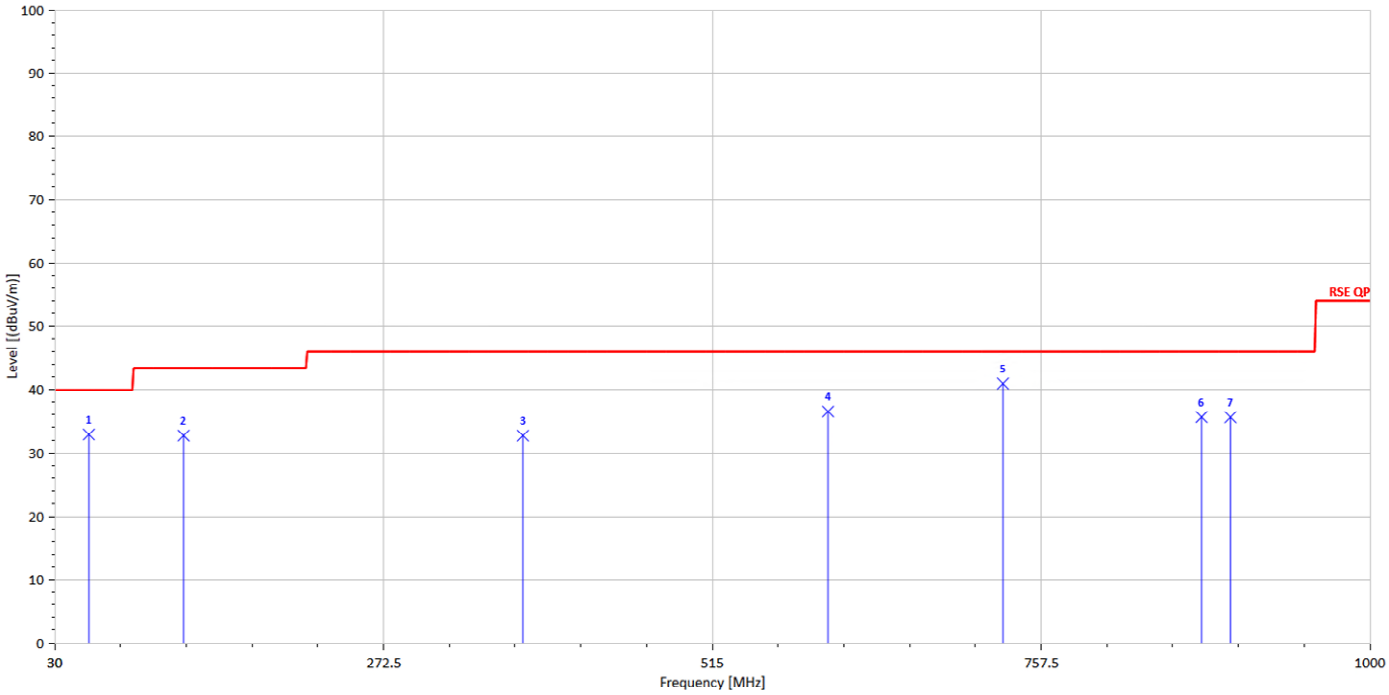
Operation Mode :	802.11g	Test Date :	2017/9/26
Fundamental Frequency :	2462 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
55.22	S	Peak	54.15	-21.25	32.90	40	-7.10
125.06	S	Peak	48.40	-15.68	32.72	43.5	-10.78
375.32	S	Peak	43.24	-10.53	32.71	46	-13.29
600.36	S	Peak	43.10	-6.56	36.54	46	-9.46
729.37	S	Peak	45.64	-4.64	41.00	46	-5.00
875.84	S	Peak	38.46	-2.80	35.66	46	-10.34
897.18	S	Peak	38.00	-2.37	35.63	46	-10.37

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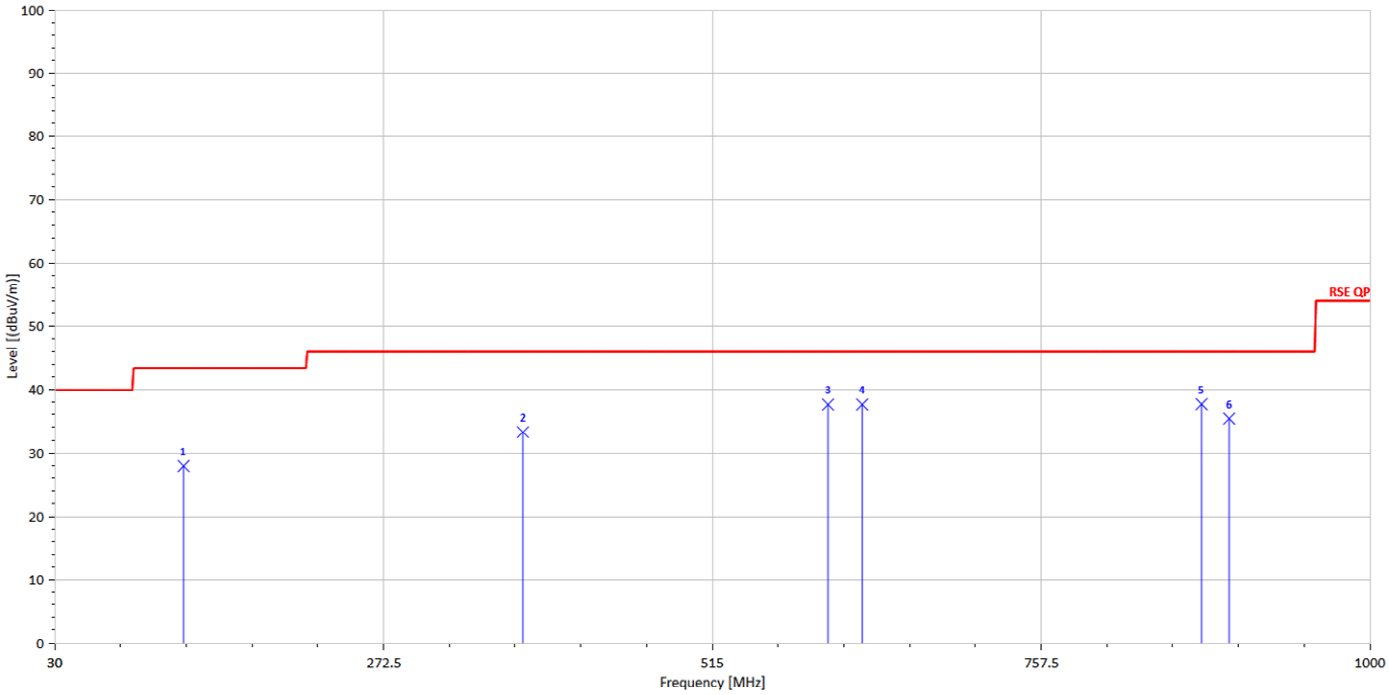
Operation Mode :	802.11g	Test Date :	2017/9/26
Fundamental Frequency :	2462 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
125.06	S	Peak	43.58	-15.68	27.90	43.5	-15.60
375.32	S	Peak	43.80	-10.53	33.28	46	-12.72
600.36	S	Peak	44.24	-6.56	37.68	46	-8.32
625.58	S	Peak	43.77	-6.10	37.68	46	-8.32
875.84	S	Peak	40.54	-2.80	37.74	46	-8.26
896.21	S	Peak	37.77	-2.38	35.39	46	-10.61

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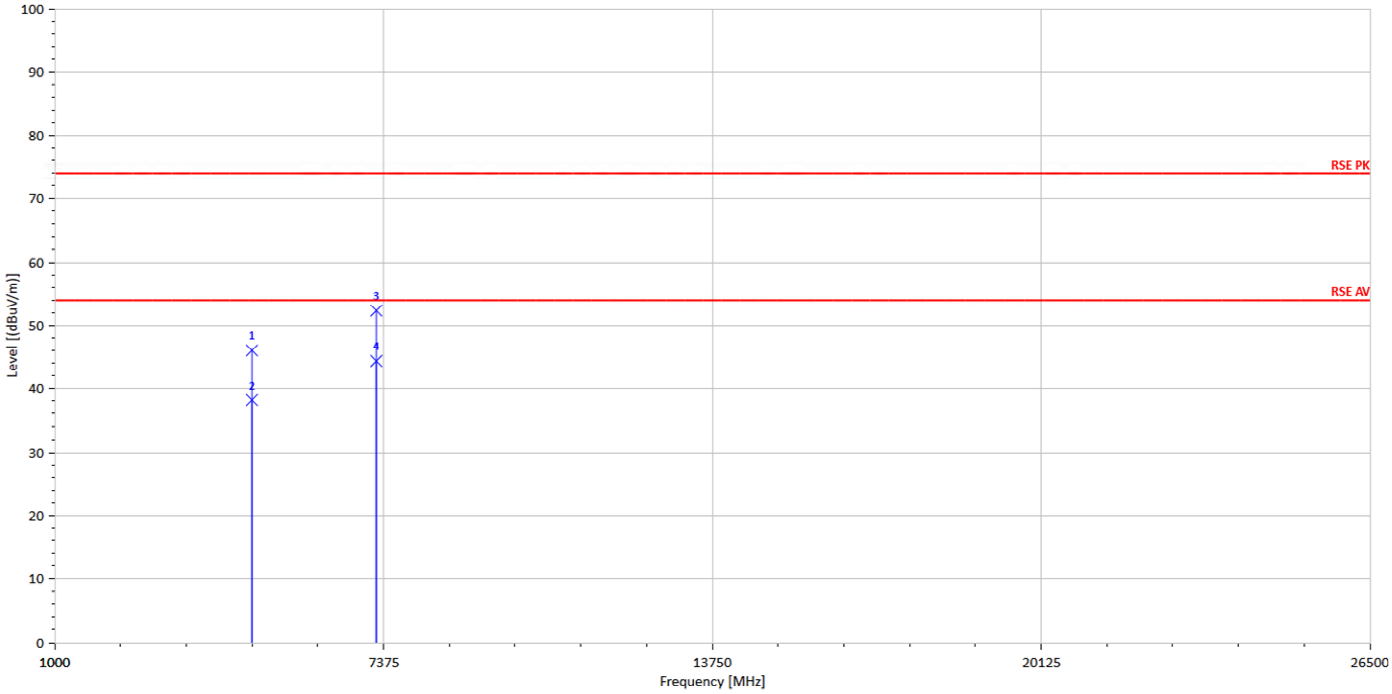
Above 1GHz Data:

Radiated Spurious Emission Measurement Result (802.11 b)

Operation Mode :	802.11b	Test Date :	2017/9/30
Fundamental Frequency :	2412 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
4824.00	H	Peak	38.46	7.58	46.04	74	-27.96
4824.00	H	Average	30.60	7.58	38.18	54	-15.82
7236.00	H	Peak	37.80	14.56	52.36	74	-21.64
7236.00	H	Average	29.80	14.56	44.36	54	-9.64

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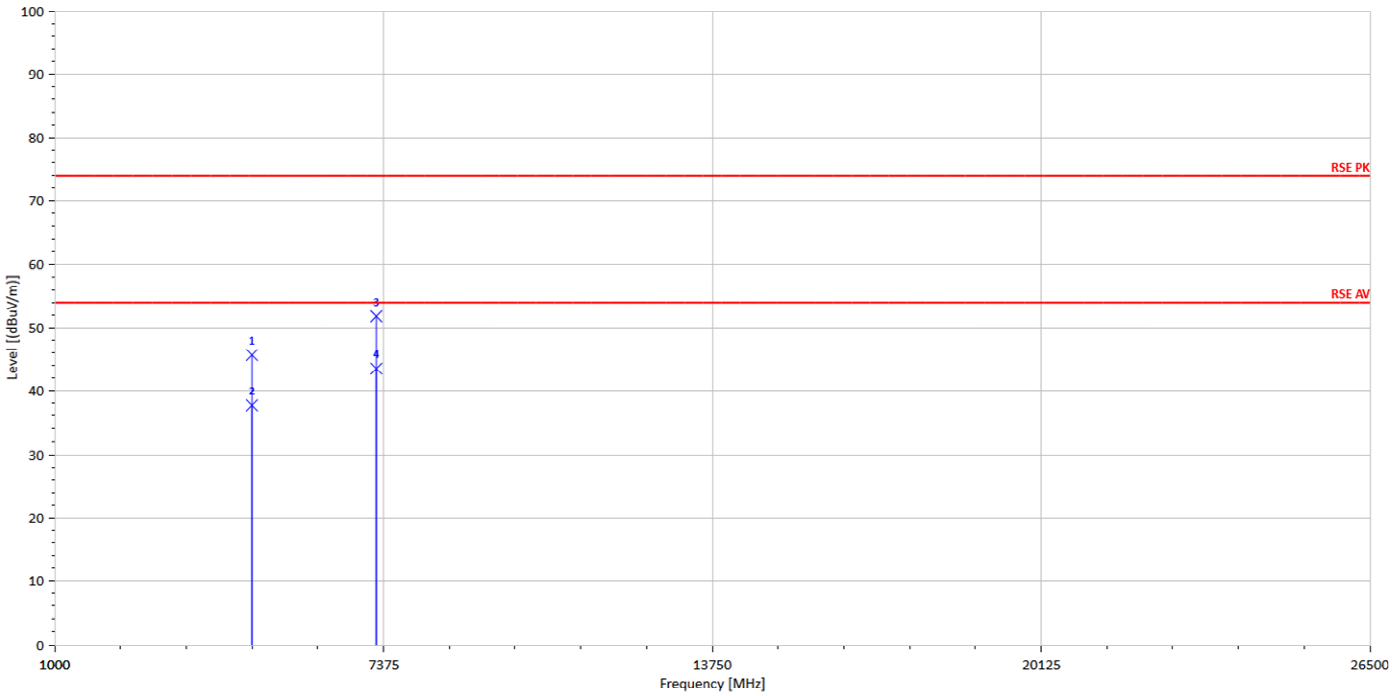
Operation Mode :	802.11b	Test Date :	2017/9/30
Fundamental Frequency :	2412 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
4824.00	H	Peak	38.10	7.58	45.68	74	-28.32
4824.00	H	Average	30.13	7.58	37.71	54	-16.29
7236.00	H	Peak	37.26	14.56	51.82	74	-22.18
7236.00	H	Average	28.96	14.56	43.52	54	-10.48

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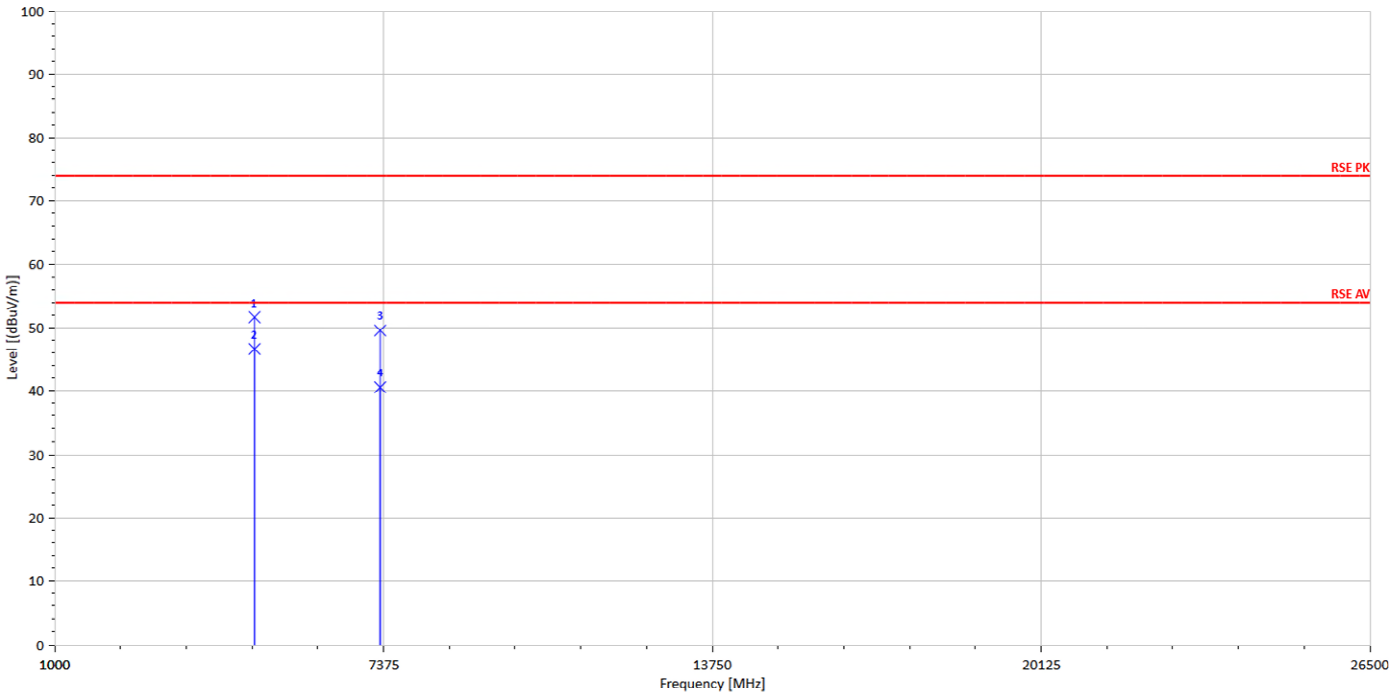
Operation Mode :	802.11b	Test Date :	2017/9/30
Fundamental Frequency :	2437 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
4874.00	H	Peak	43.76	7.91	51.67	74	-22.33
4874.00	H	Average	38.72	7.91	46.63	54	-7.37
7311.00	H	Peak	35.09	14.47	49.56	74	-24.44
7311.00	H	Average	26.09	14.47	40.56	54	-13.44

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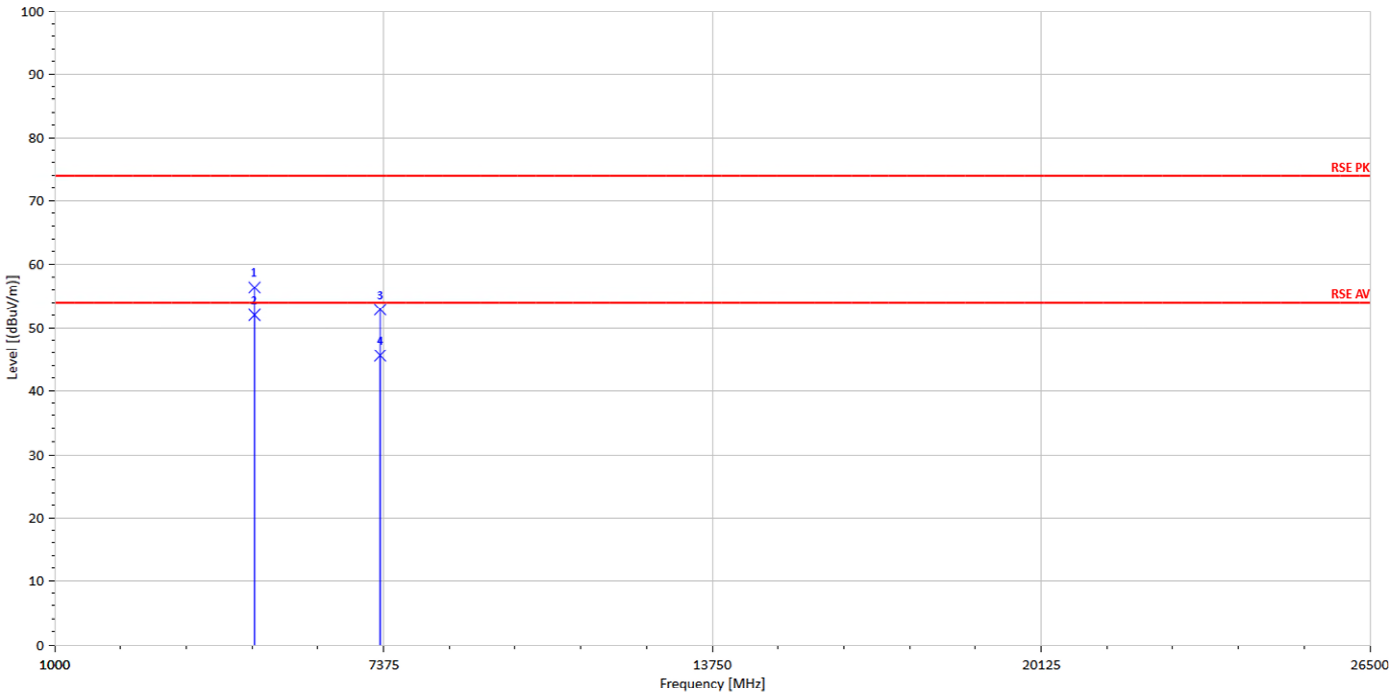
Operation Mode :	802.11b	Test Date :	2017/9/30
Fundamental Frequency :	2437 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4874.00	H	Peak	48.48	7.91	56.39	74	-17.61
4874.00	H	Average	44.12	7.91	52.03	54	-1.97
7311.00	H	Peak	38.43	14.47	52.90	74	-21.10
7311.00	H	Average	31.11	14.47	45.58	54	-8.42

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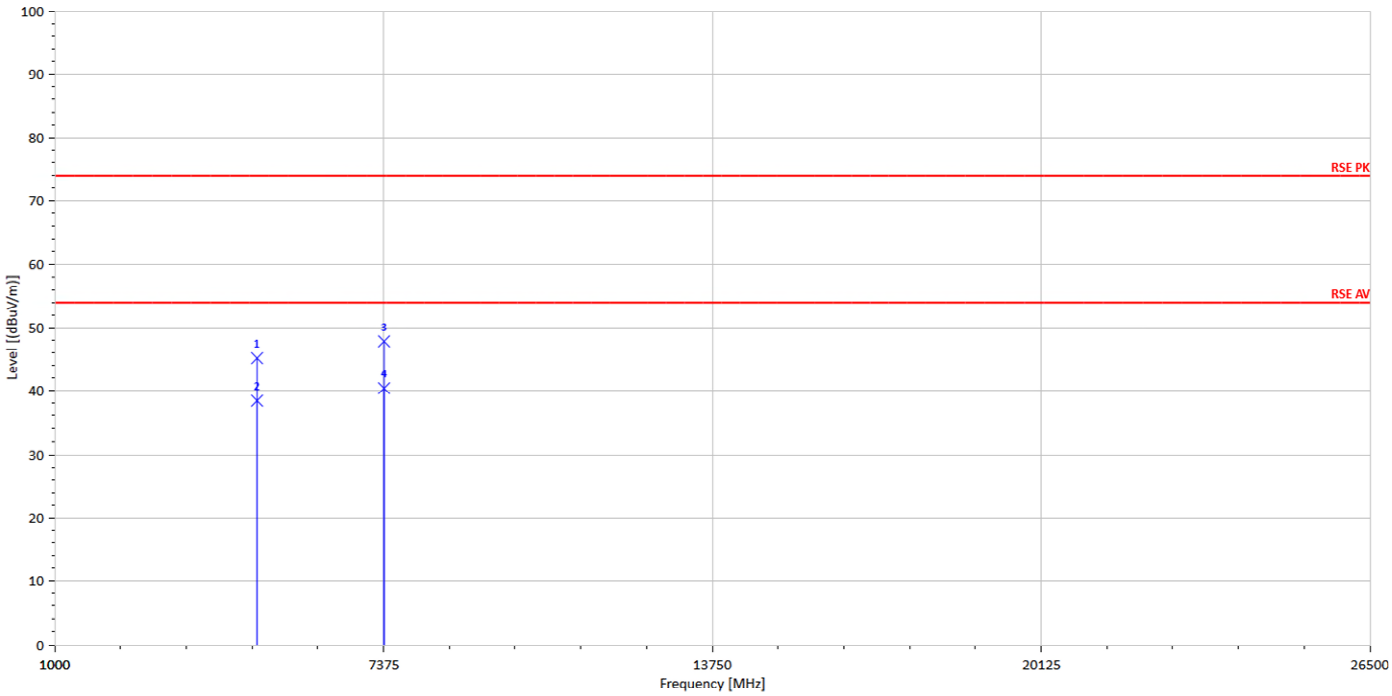
Operation Mode :	802.11b	Test Date :	2017/9/30
Fundamental Frequency :	2462 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
4924.00	H	Peak	37.25	7.92	45.17	74	-28.83
4924.00	H	Average	30.50	7.92	38.42	54	-15.58
7386.00	H	Peak	32.84	15.00	47.84	74	-26.16
7386.00	H	Average	25.40	15.00	40.40	54	-13.60

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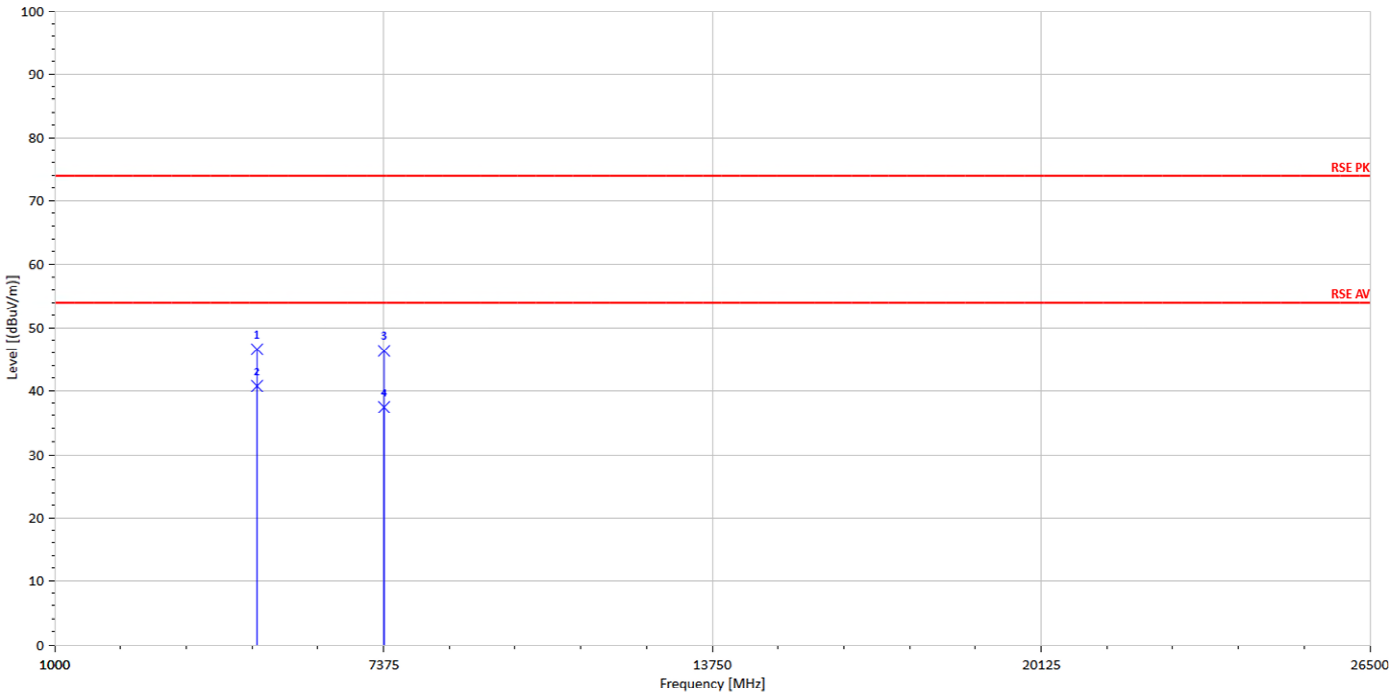
Operation Mode :	802.11b	Test Date :	2017/9/30
Fundamental Frequency :	2462 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
4924.00	H	Peak	38.66	7.92	46.58	74	-27.42
4924.00	H	Average	32.86	7.92	40.78	54	-13.22
7386.00	H	Peak	31.33	15.00	46.33	74	-27.67
7386.00	H	Average	22.41	15.00	37.41	54	-16.59

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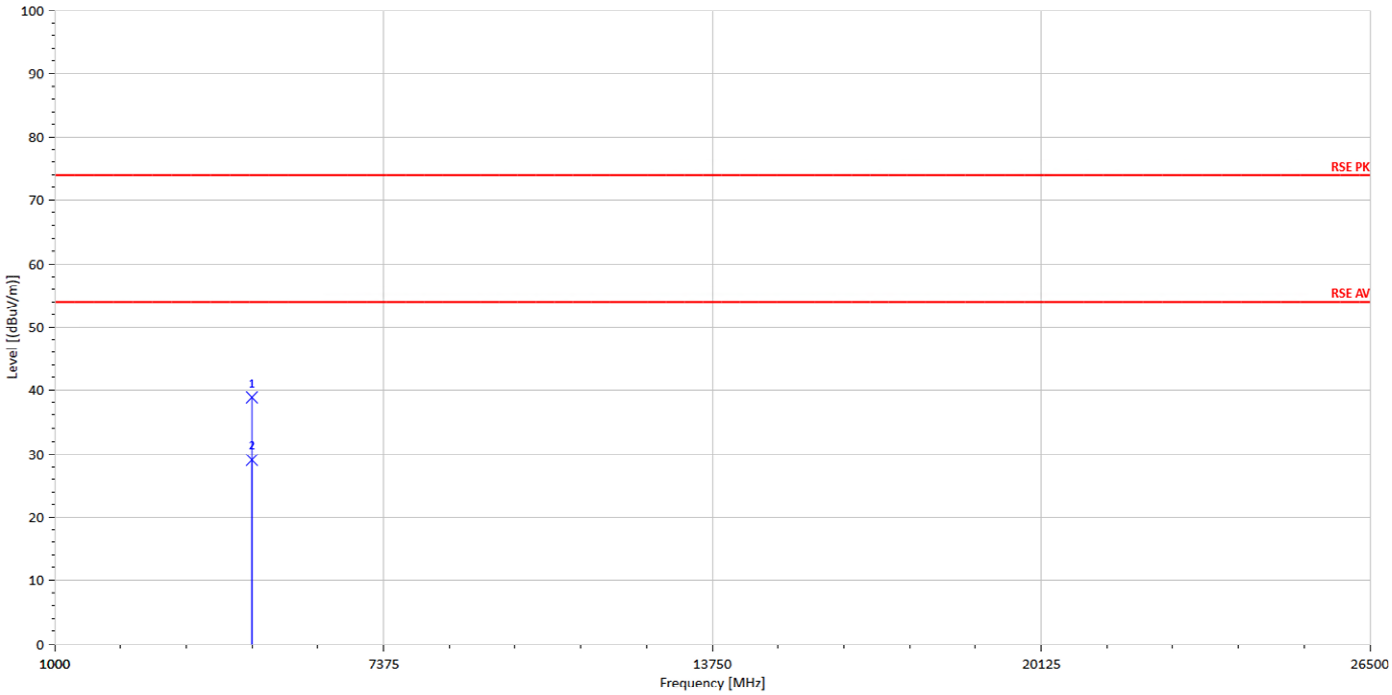
Radiated Spurious Emission Measurement Result (802.11 g)

Operation Mode :	802.11g	Test Date :	2017/9/30
Fundamental Frequency :	2412 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4824.00	H	Peak	31.24	7.58	38.81	74	-35.19
4824.00	H	Average	21.48	7.58	29.06	54	-24.94

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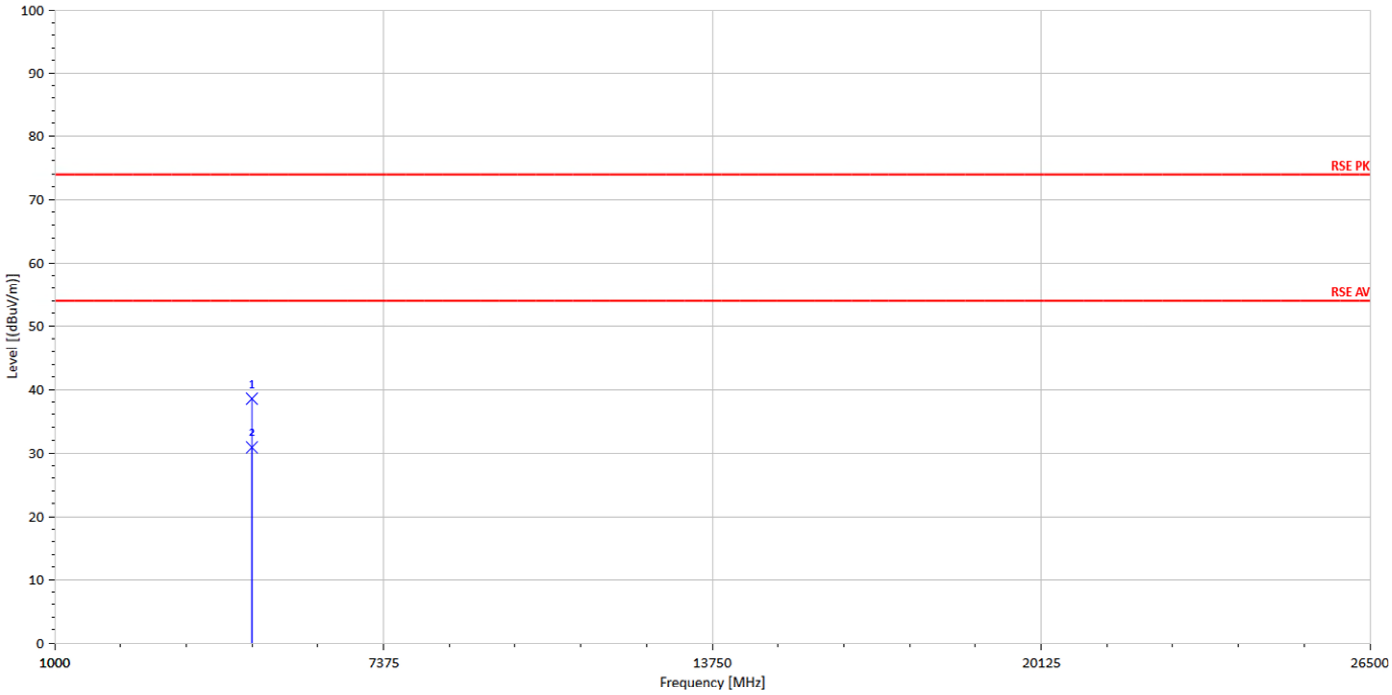
Operation Mode :	802.11g	Test Date :	2017/9/30
Fundamental Frequency :	2412 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4824.00	H	Peak	30.99	7.58	38.56	74	-35.44
4824.00	H	Average	23.30	7.58	30.88	54	-23.12

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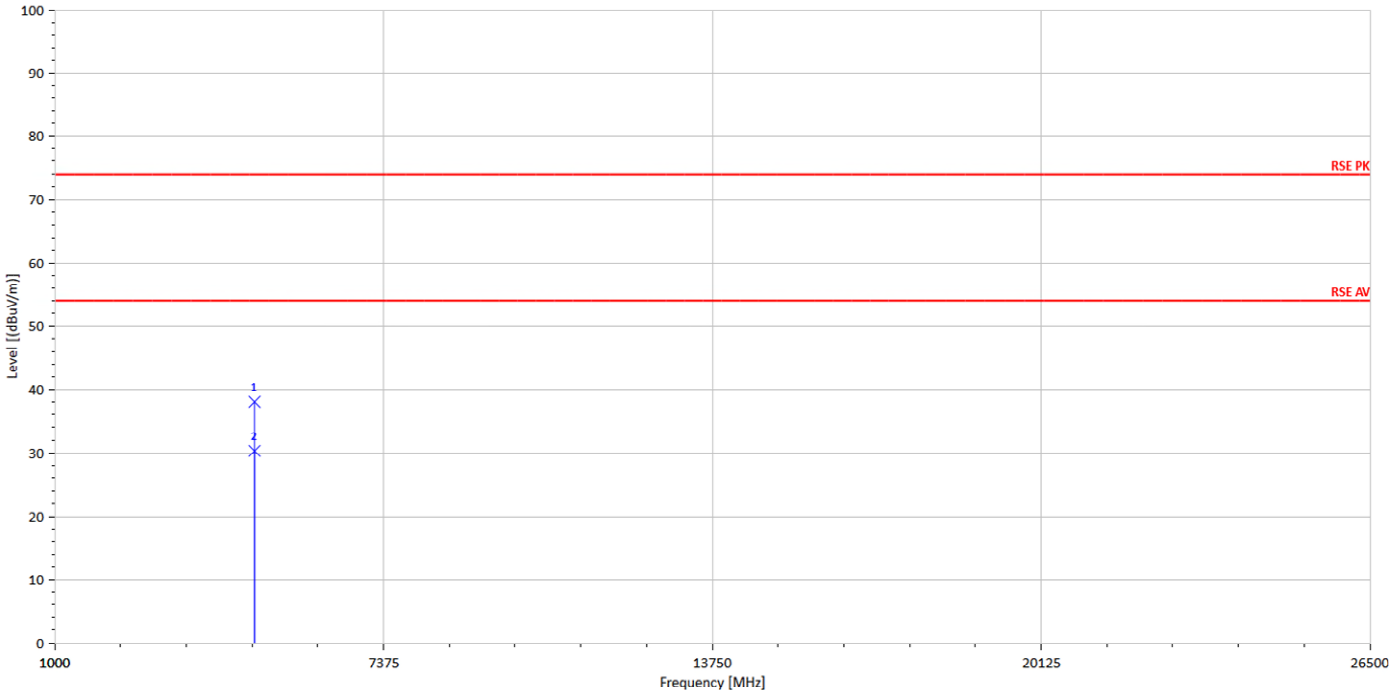
Operation Mode :	802.11g	Test Date :	2017/9/30
Fundamental Frequency :	2437 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4874.00	H	Peak	30.17	7.91	38.08	74	-35.92
4874.00	H	Average	22.38	7.91	30.29	54	-23.71

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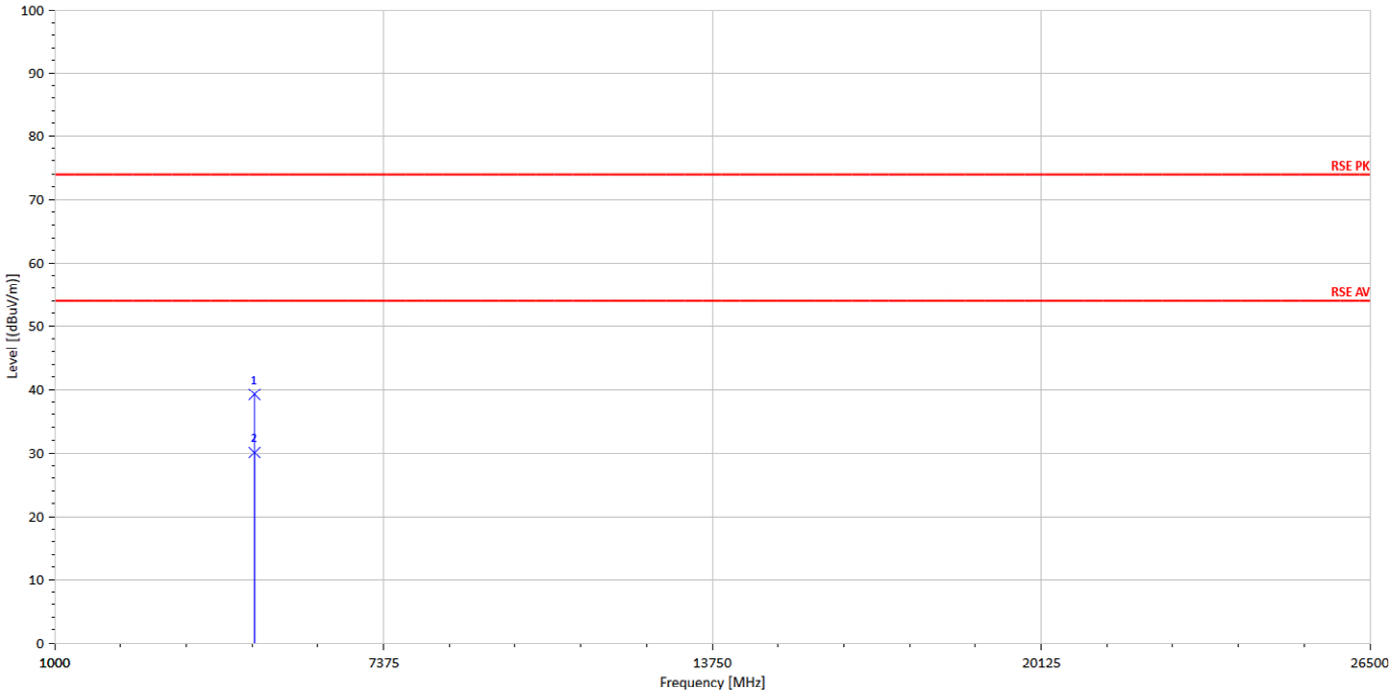
Operation Mode :	802.11g	Test Date :	2017/9/30
Fundamental Frequency :	2437 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4874.00	S	Peak	31.36	7.91	39.27	74	-34.73
4874.00	S	Average	22.12	7.91	30.03	54	-23.97

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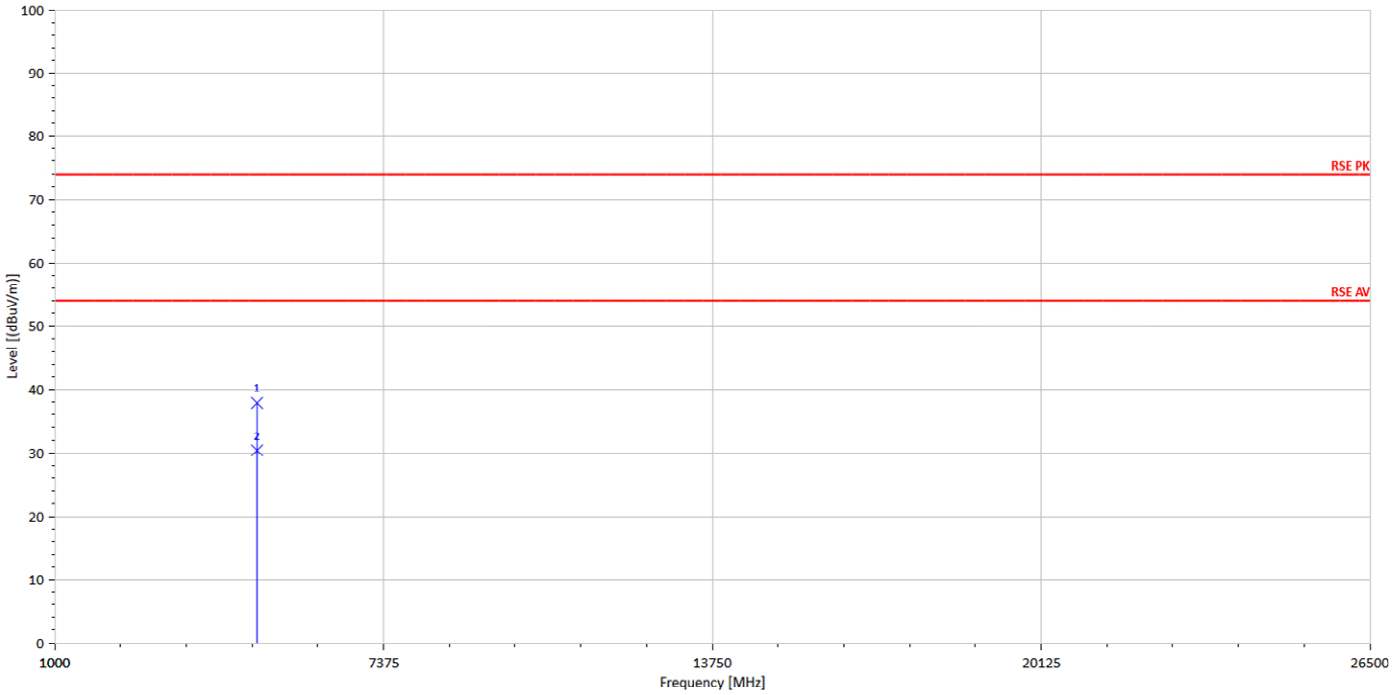
Operation Mode :	802.11g	Test Date :	2017/9/30
Fundamental Frequency :	2462 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4924.00	H	Peak	29.99	7.92	37.91	74	-36.09
4924.00	H	Average	22.47	7.92	30.39	54	-23.61

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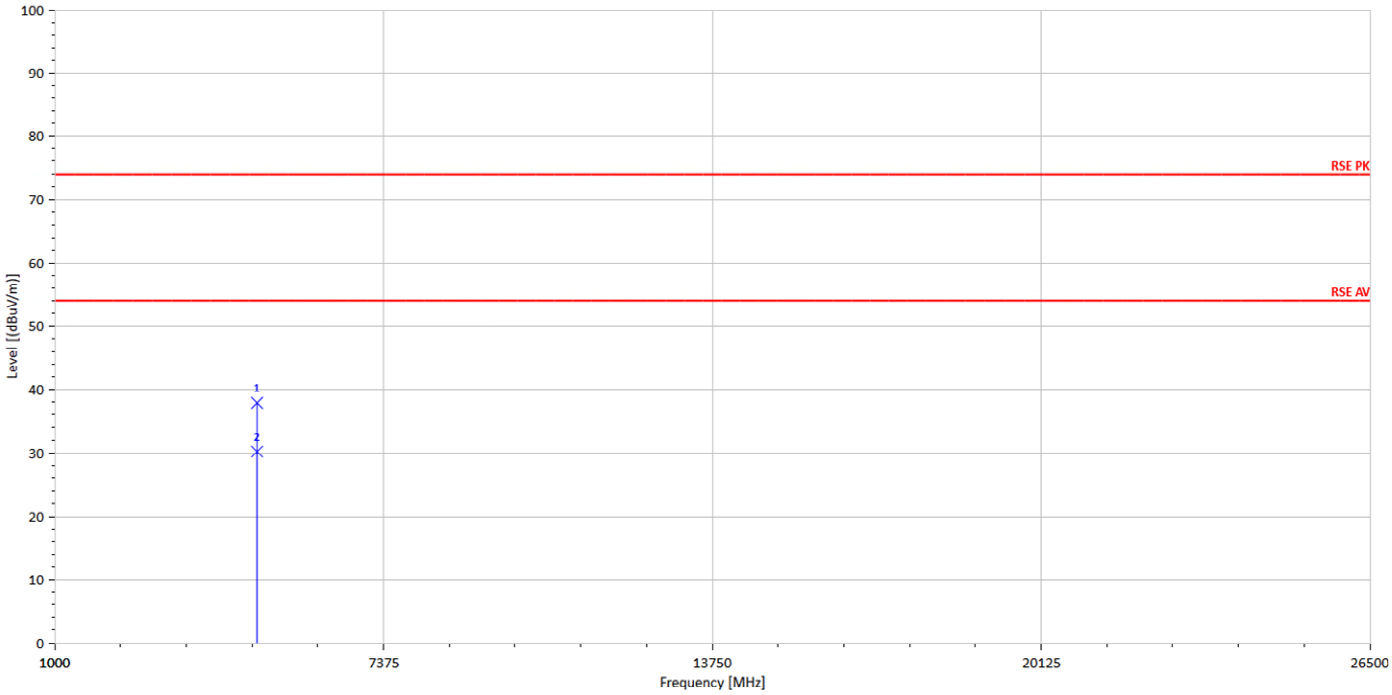
Operation Mode :	802.11g	Test Date :	2017/9/30
Fundamental Frequency :	2462 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH High	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4924.00	H	Peak	30.00	7.92	37.92	74	-36.08
4924.00	H	Average	22.26	7.92	30.18	54	-23.82

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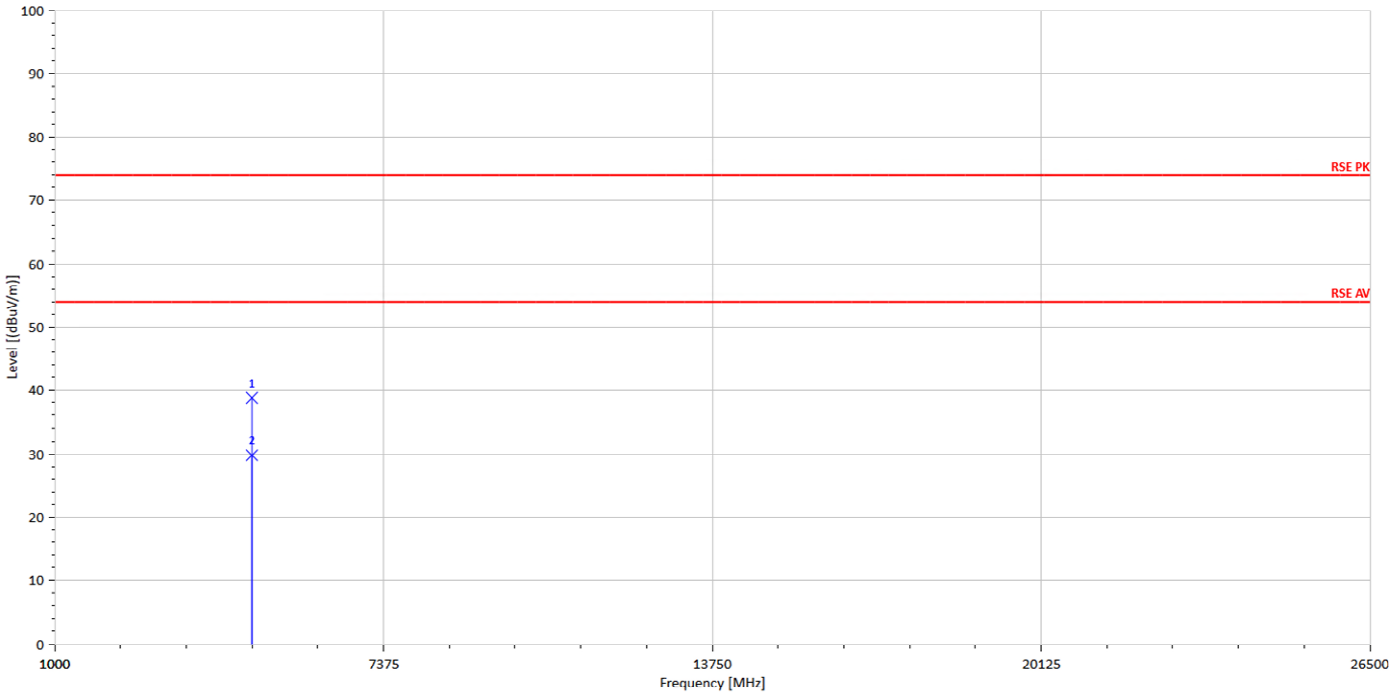
Radiated Spurious Emission Measurement Result (802.11_HT20) (MIMO)

Operation Mode :	802.11n20	Test Date :	2017/9/30
Fundamental Frequency :	2412 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4824.00	H	Peak	31.16	7.58	38.74	74	-35.26
4824.00	H	Average	22.24	7.58	29.82	54	-24.18

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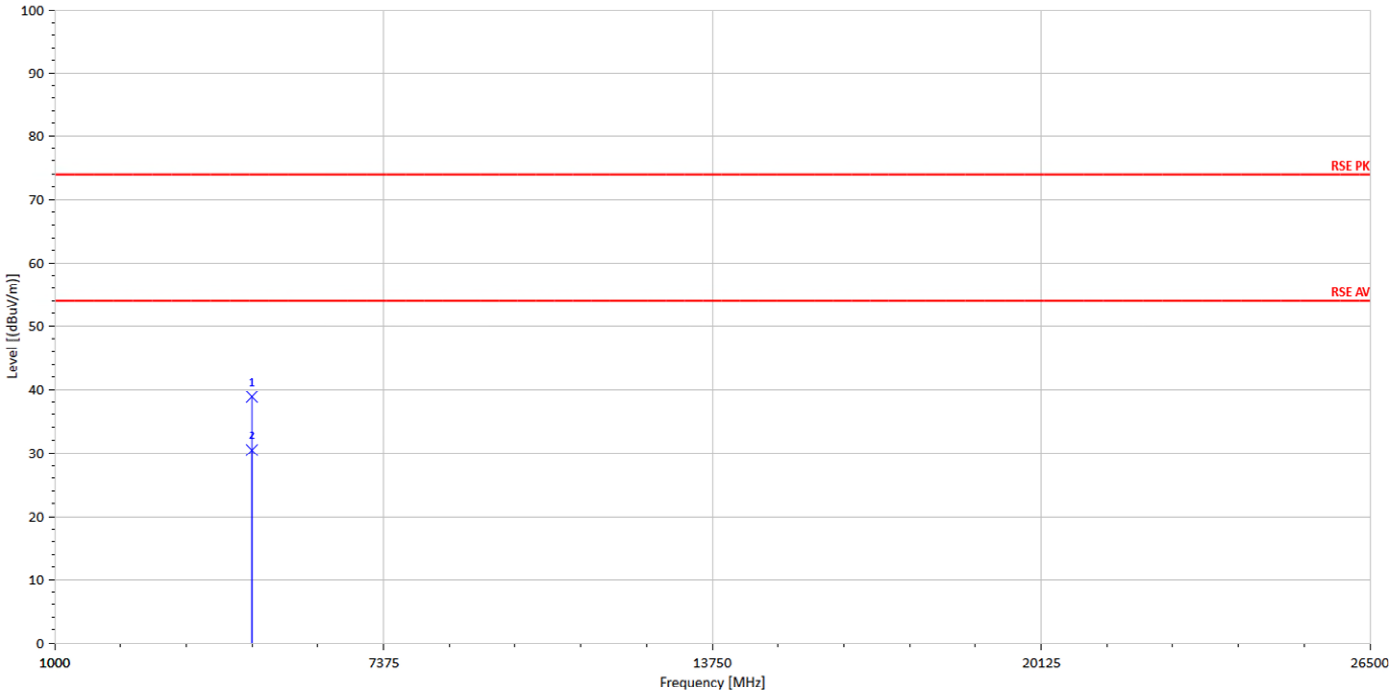
Operation Mode :	802.11n20	Test Date :	2017/9/30
Fundamental Frequency :	2412 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4824.00	H	Peak	31.30	7.58	38.88	74	-35.12
4824.00	H	Average	22.84	7.58	30.42	54	-23.58

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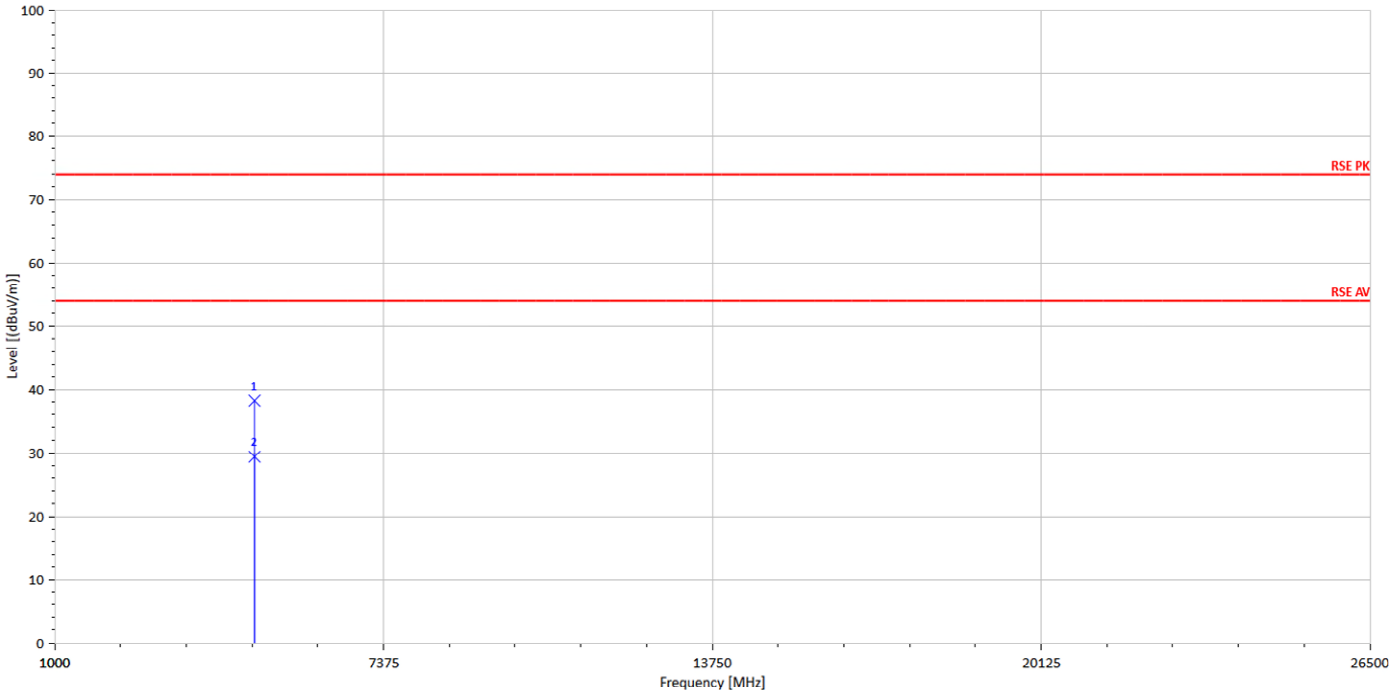
Operation Mode :	802.11n20	Test Date :	2017/9/30
Fundamental Frequency :	2437 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4874.00	H	Peak	30.35	7.91	38.26	74	-35.74
4874.00	H	Average	21.46	7.91	29.37	54	-24.63

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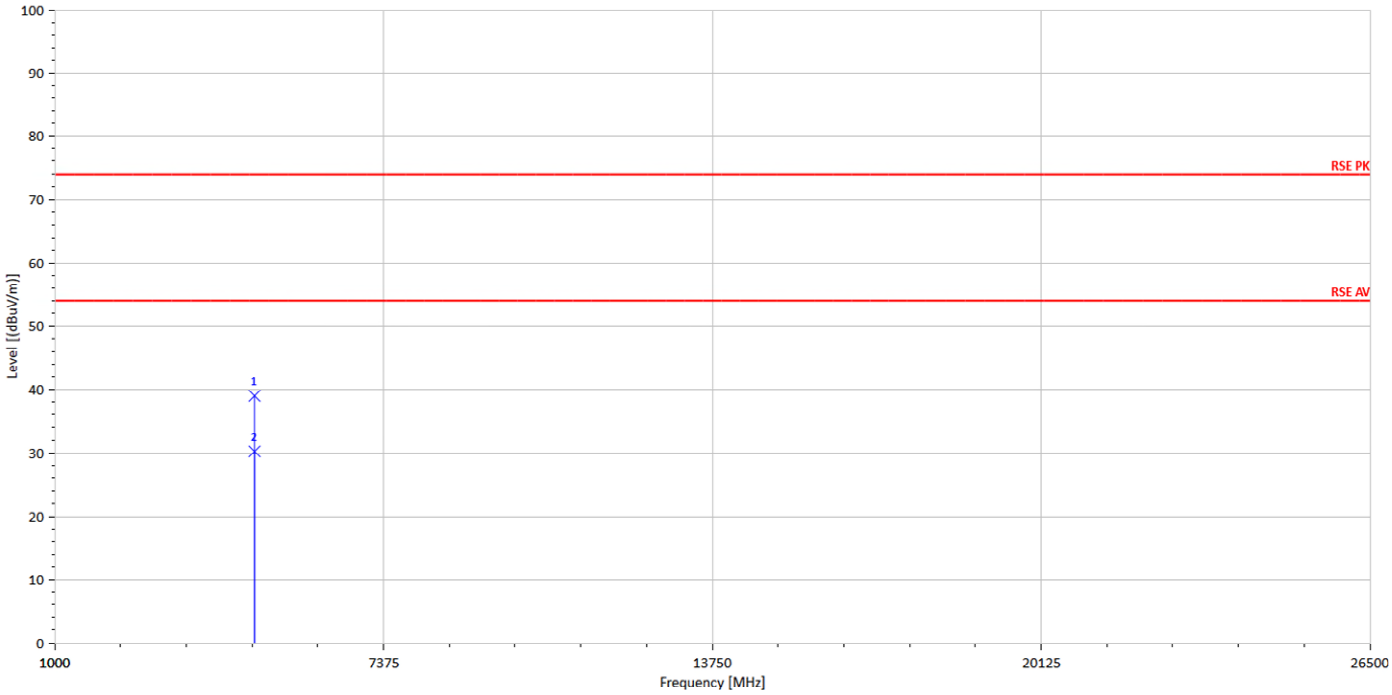
Operation Mode :	802.11n20	Test Date :	2017/9/30
Fundamental Frequency :	2437 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq. MHz	Note F/H/E/S	Detector Mode PK/QP/AV	Spectum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4874.00	H	Peak	31.12	7.91	39.03	74	-34.97
4874.00	H	Average	22.30	7.91	30.21	54	-23.79

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
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