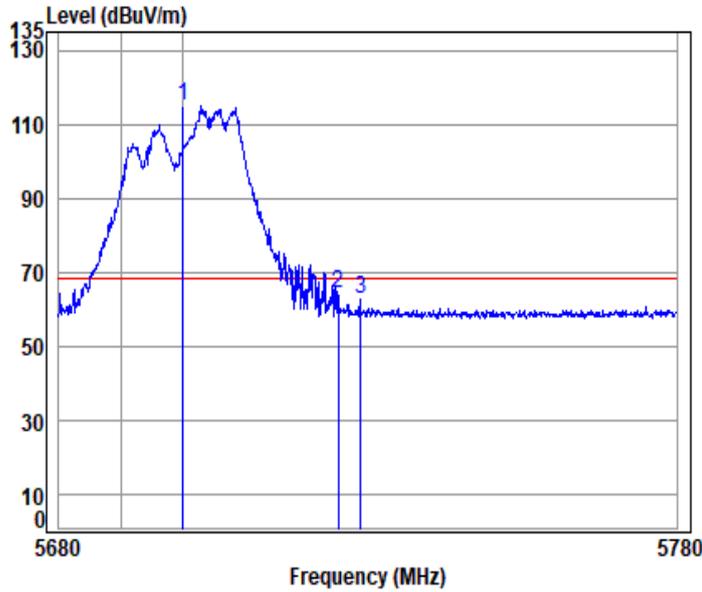


11ax_20M_Partial_RU106_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5700 Band edge
 : 5G Wi-Fi 11ax20 RU106

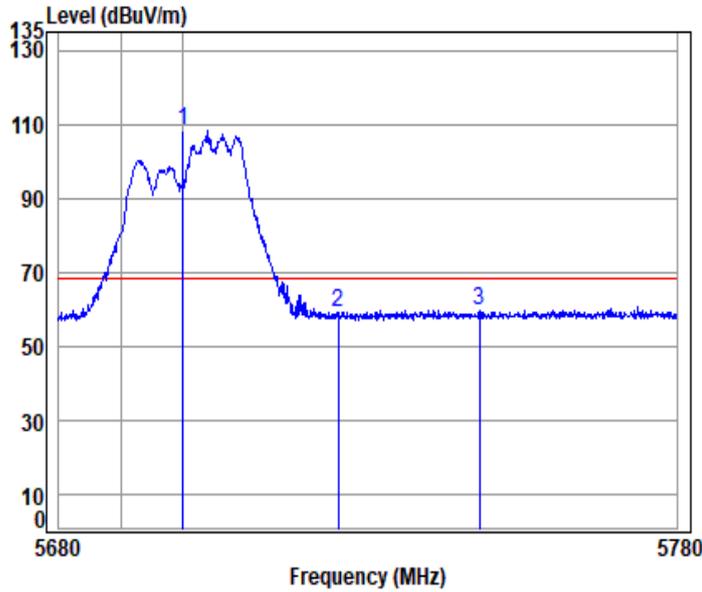
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5700.000	10.56	33.20	30.62	101.77	114.91	68.20	46.71	peak
2 5725.000	10.68	33.25	30.61	50.82	64.14	68.20	-4.06	peak
3 5728.582	10.69	33.26	30.61	49.29	62.63	68.20	-5.57	peak



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11ax_20M_Partial_RU106_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5700 Band edge
 : 5G Wi-Fi 11ax20 RU106

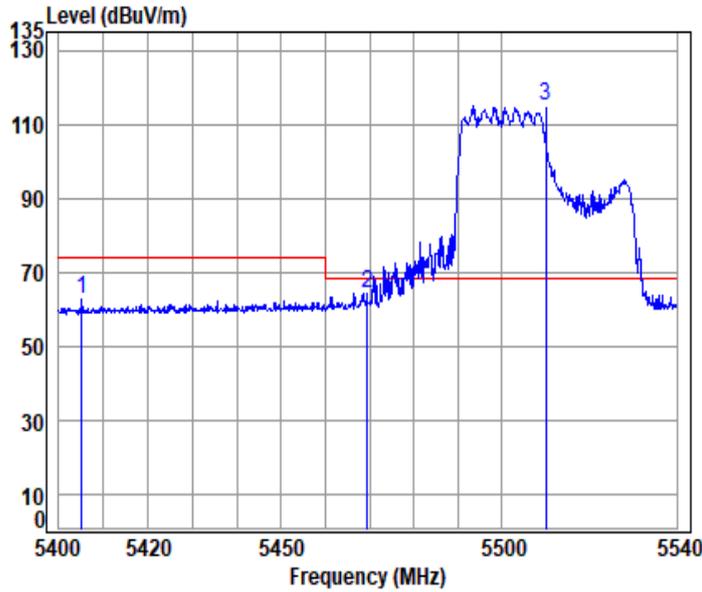
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5700.000	10.56	33.20	30.62	94.97	108.11	68.20	39.91	peak
2 5725.000	10.68	33.25	30.61	45.76	59.08	68.20	-9.12	peak
3 5747.910	10.78	33.30	30.60	46.31	59.79	68.20	-8.41	peak



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11ax_40M_Partial_RU242_TX_CH_102_Horizontal-Peak



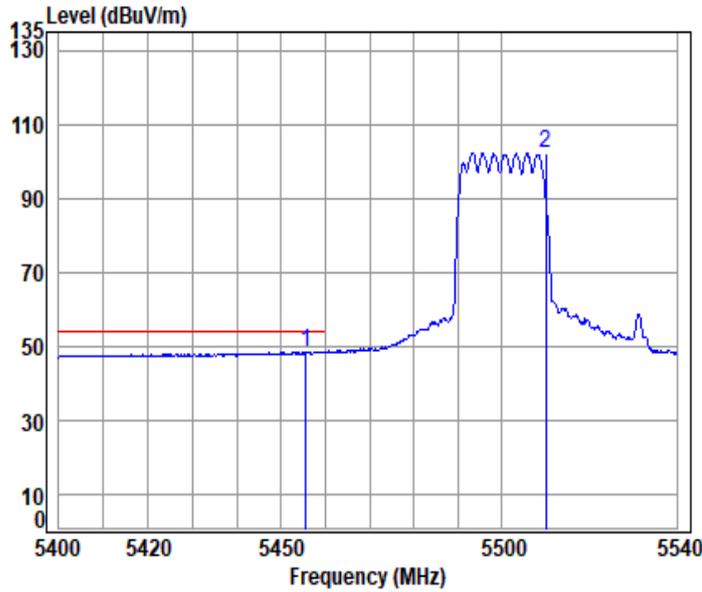
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5510 Band edge
 : 5G Wi-Fi 11ax40 RU242

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5405.116	10.62	32.81	30.74	49.76	62.45	74.00	-11.55 peak
2	5469.412	10.59	32.90	30.71	51.48	64.26	68.20	-3.94 peak
3 pp	5510.000	10.56	32.90	30.70	102.25	115.01	68.20	46.81 peak



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11ax_40M_Partial_RU242_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40 RU242

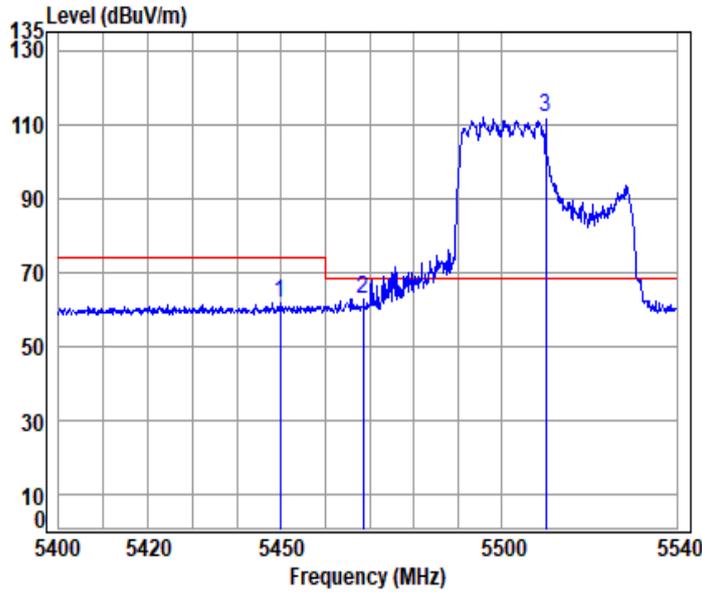
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5455.570	10.60	32.90	30.72	35.53	48.31	54.00	-5.69	Average	
2 5510.000	10.56	32.90	30.70	89.36	102.12	-----	-----	Average	



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11ax_40M_Partial_RU242_TX_CH_102_Vertical-Peak



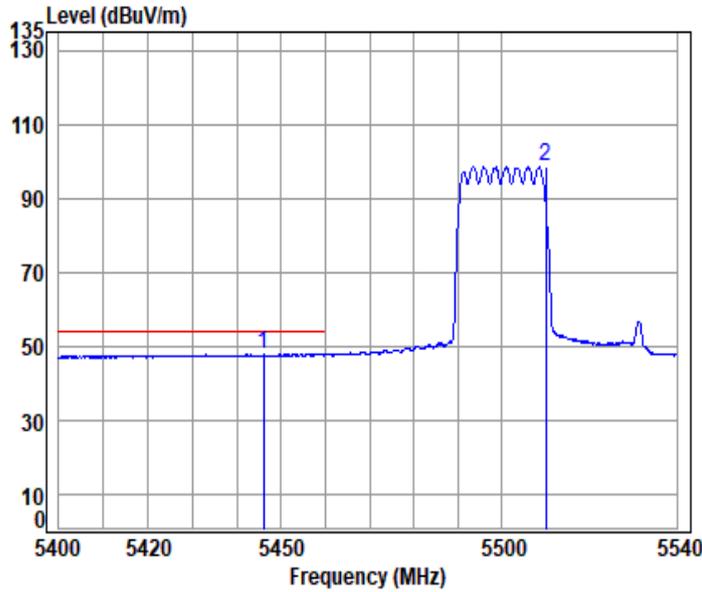
Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5510 Band edge
 : 5G Wi-Fi 11ax40 RU242

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5449.708	10.60	32.90	30.72	48.92	61.70	74.00	-12.30 peak
2	5468.572	10.59	32.90	30.71	49.83	62.61	68.20	-5.59 peak
3 pp	5510.000	10.56	32.90	30.70	99.13	111.89	68.20	43.69 peak



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11ax_40M_Partial_RU242_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40 RU242

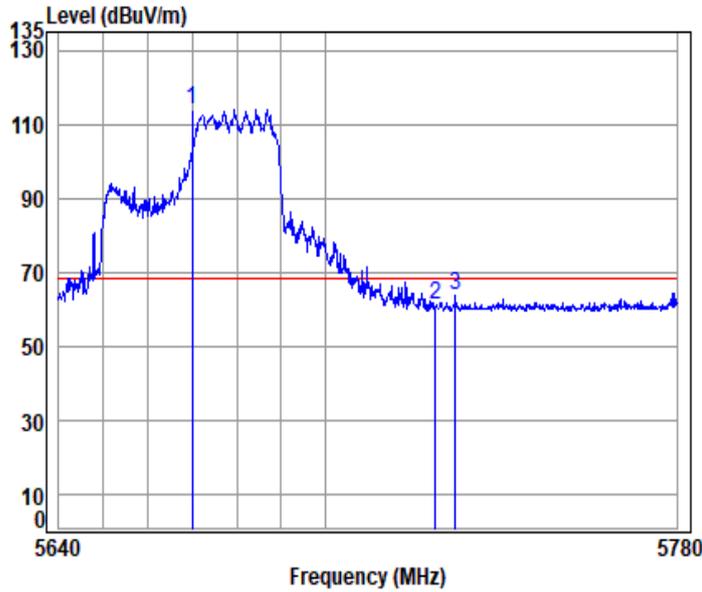
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5445.944	10.60	32.89	30.72	34.97	47.74	54.00	-6.26	Average	
2 5510.000	10.56	32.90	30.70	85.66	98.42	-----	-----	Average	



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11ax_40M_Partial_RU242_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5670 Band edge

: 5G Wi-Fi 11ax40 RU242

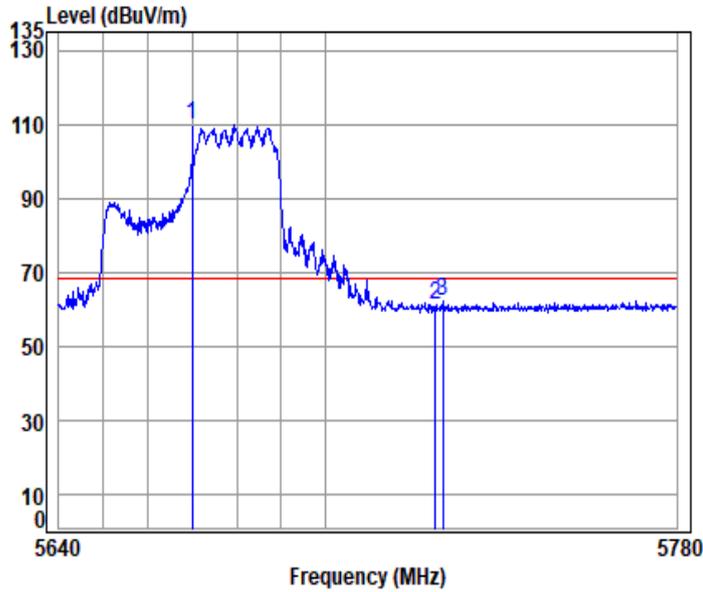
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5670.000	10.52	33.14	30.63	100.84	113.87	68.20	45.67	peak
2 5725.000	10.68	33.25	30.61	47.80	61.12	68.20	-7.08	peak
3 5729.485	10.70	33.26	30.61	50.47	63.82	68.20	-4.38	peak



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11ax_40M_Partial_RU242_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5670 Band edge

: 5G Wi-Fi 11ax40 RU242

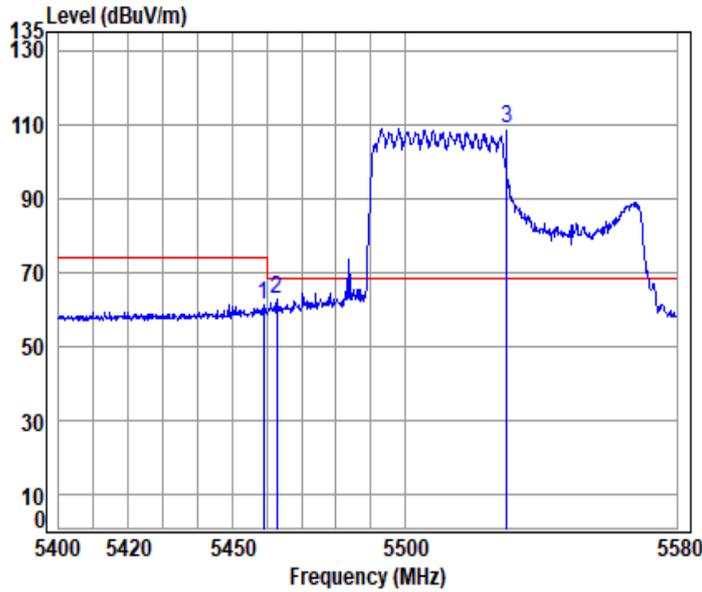
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5670.000	10.52	33.14	30.63	96.87	109.90	68.20	41.70	peak
2 5725.000	10.68	33.25	30.61	47.71	61.03	68.20	-7.17	peak
3 5726.676	10.68	33.25	30.61	48.86	62.18	68.20	-6.02	peak



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11ax_80M_Partial_RU484_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5530 Band edge
 : 5G Wi-Fi 11ax80 RU484

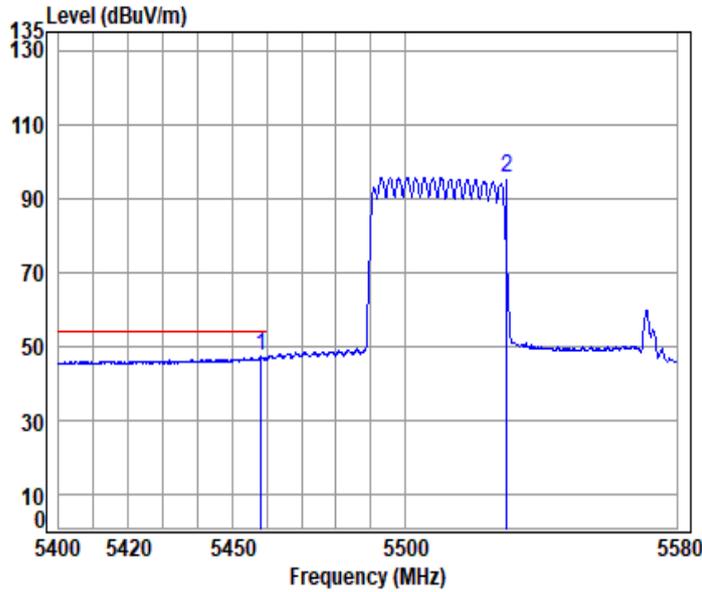
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.928	10.60	32.90	30.72	48.45	61.23	74.00	-12.77 peak
2	5462.867	10.59	32.90	30.71	49.70	62.48	68.20	-5.72 peak
3 pp	5530.000	10.53	32.90	30.69	96.26	109.00	68.20	40.80 peak



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11ax_80M_Partial_RU484_TX_CH_106_Horizontal-Avg



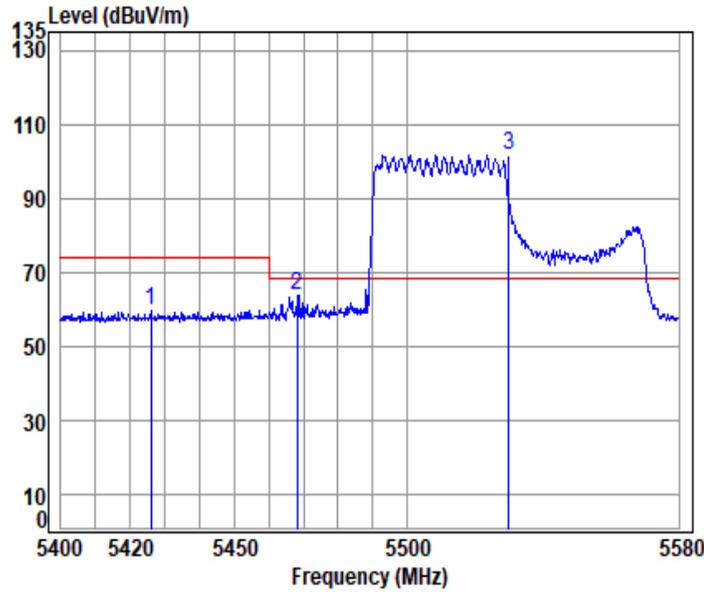
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5530 Band edge
 : 5G Wi-Fi 11ax80 RU484

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5458.391	10.60	32.90	30.72	34.24	47.02	54.00	-6.98	Average
2 5530.000	10.53	32.90	30.69	82.80	95.54	-----	-----	Average



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11ax_80M_Partial_RU484_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80 RU484

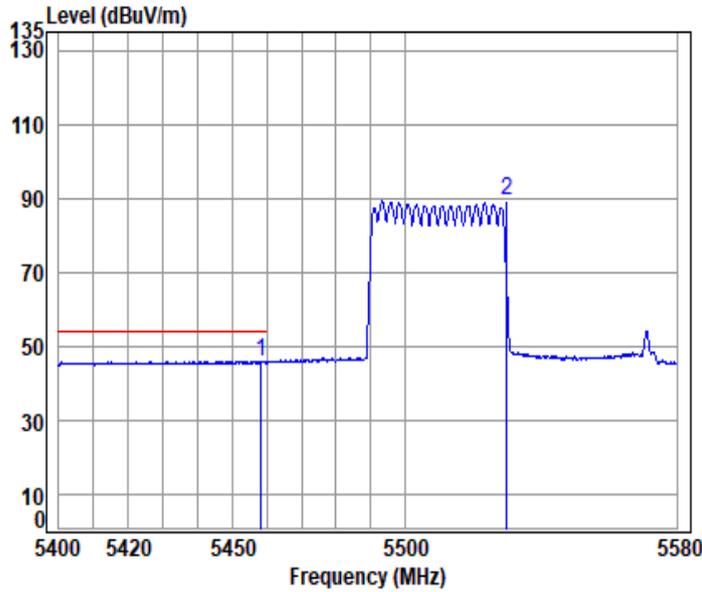
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5425.914	10.61	32.85	30.73	46.77	59.50	74.00	-14.50 peak
2	5468.244	10.59	32.90	30.71	50.91	63.69	68.20	-4.51 peak
3 pp	5530.000	10.53	32.90	30.69	88.88	101.62	68.20	33.42 peak



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11ax_80M_Partial_RU484_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80 RU484

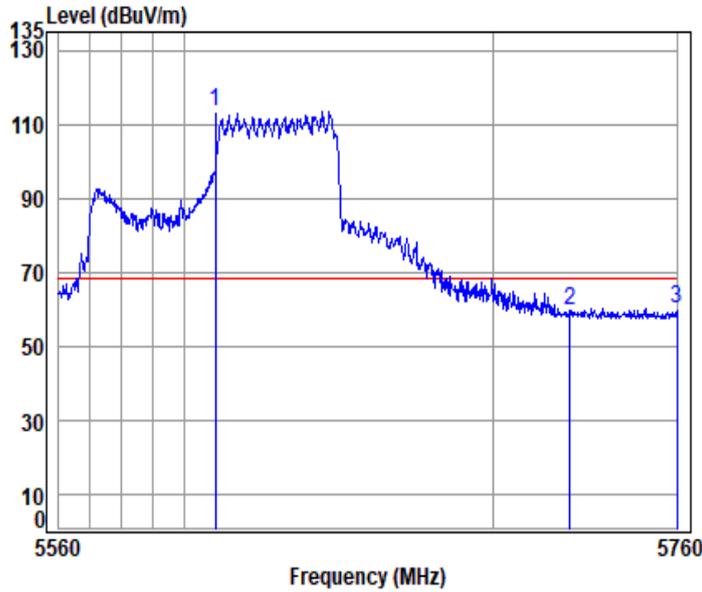
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5458.391	10.60	32.90	30.72	33.06	45.84	54.00	-8.16	Average	
2 5530.000	10.53	32.90	30.69	76.37	89.11	-----	-----	Average	



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11ax_80M_Partial_RU484_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5610 Band edge
 : 5G Wi-Fi 11ax80 RU484

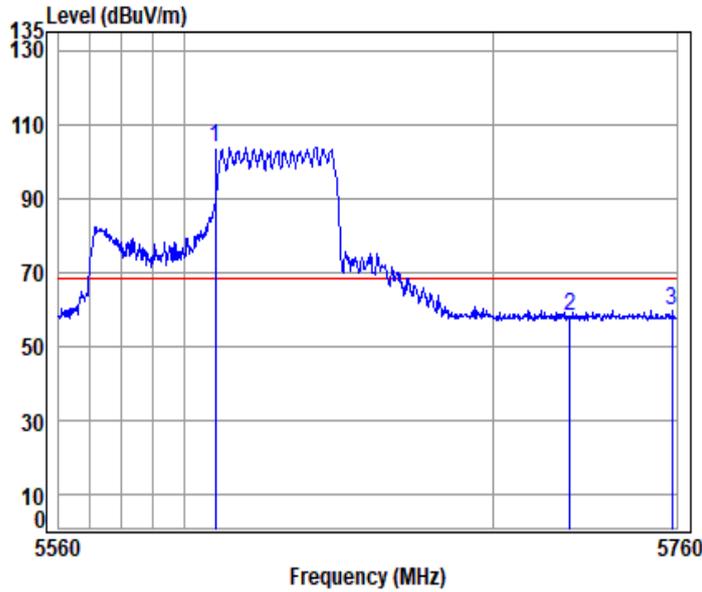
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5610.000	10.43	33.02	30.66	100.62	113.41	68.20	45.21	peak
2 5725.000	10.68	33.25	30.61	46.30	59.62	68.20	-8.58	peak
3 5760.000	10.84	33.32	30.60	46.69	60.25	68.20	-7.95	peak



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11ax_80M_Partial_RU484_TX_CH_122_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5610 Band edge

: 5G Wi-Fi 11ax80 RU484

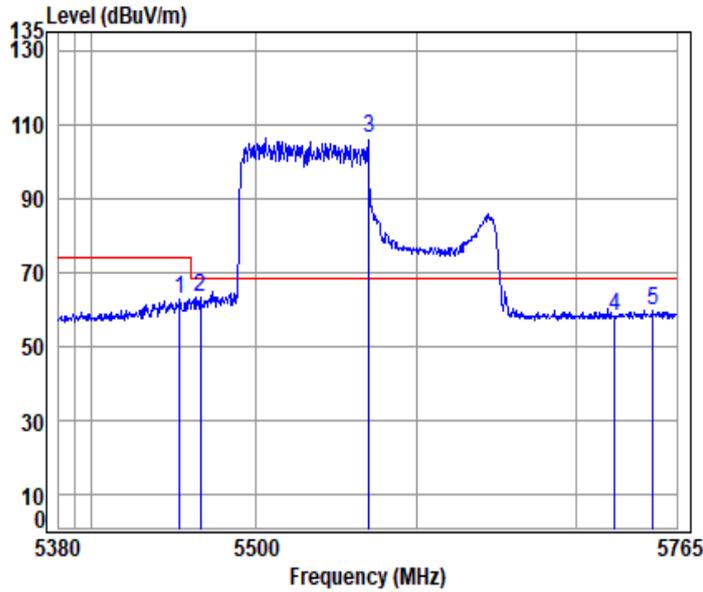
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5610.000	10.43	33.02	30.66	91.06	103.85	68.20	35.65	peak
2 5725.000	10.68	33.25	30.61	44.82	58.14	68.20	-10.06	peak
3 5758.575	10.83	33.32	30.60	46.01	59.56	68.20	-8.64	peak



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11ax_160M_Partial_RU996_TX_CH_114_Horizontal-Peak



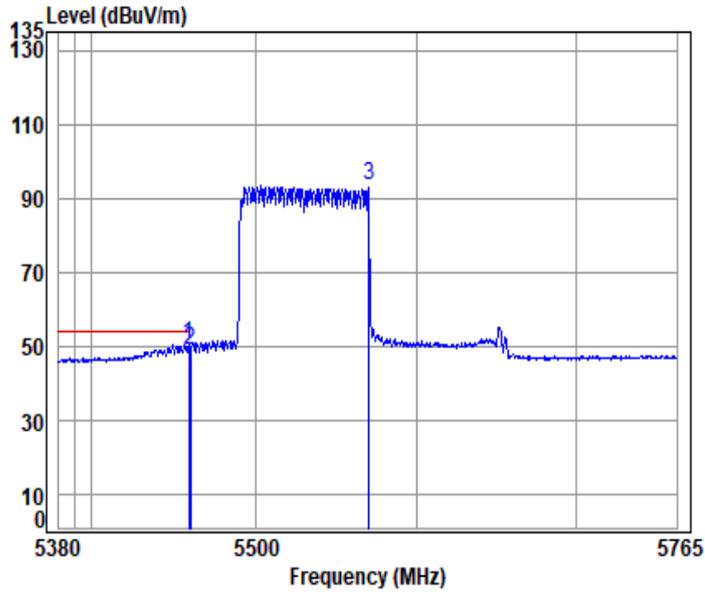
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5570 Band edge
 : 5G Wi-Fi 11ax160 RU996

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5453.378	10.60	32.90	30.72	49.77	62.55	74.00	-11.45 peak
2	5465.831	10.59	32.90	30.71	50.30	63.08	68.20	-5.12 peak
3	5570.000	10.46	32.94	30.67	93.74	106.47	68.20	38.27 peak
4	5725.000	10.68	33.25	30.61	44.68	58.00	68.20	-10.20 peak
5	5749.481	10.79	33.30	30.60	45.91	59.40	68.20	-8.80 peak



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11ax_160M_Partial_RU996_TX_CH_114_Horizontal-Avg



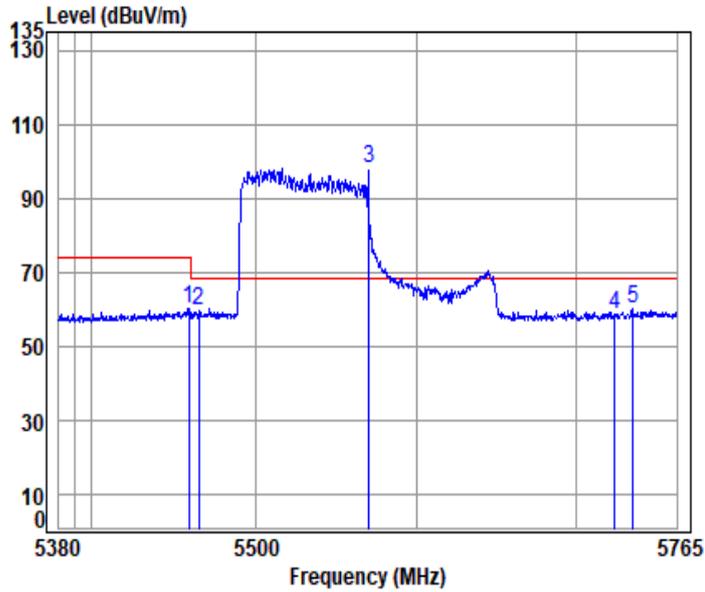
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5570 Band edge
 : 5G Wi-Fi 11ax160 RU996

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5459.035	10.60	32.90	30.72	37.73	50.51	54.00	-3.49	Average
2 5460.000	10.60	32.90	30.72	35.91	48.69	54.00	-5.31	Average
3 5570.000	10.46	32.94	30.67	80.67	93.40	-----	-----	Average



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11ax_160M_Partial_RU996_TX_CH_114_Vertical-Peak



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5570 Band edge
 : 5G Wi-Fi 11ax160 RU996

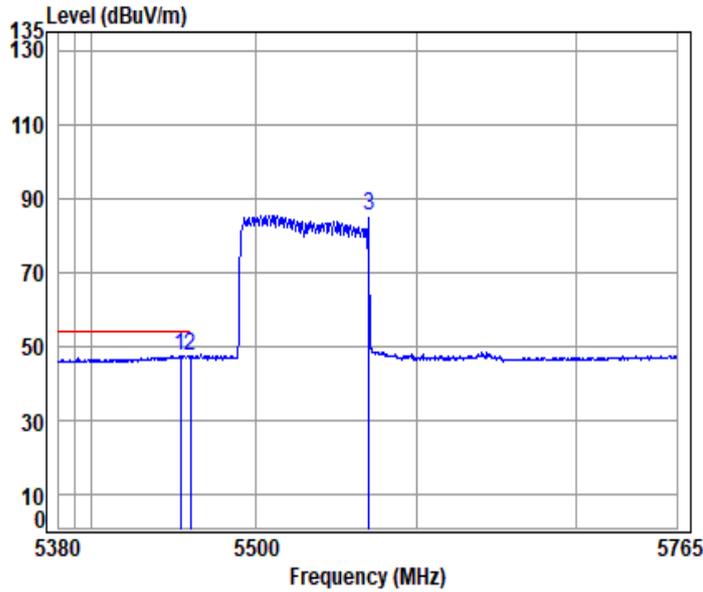
	Cable	Ant	Preamp	Read	Limit	Over		
	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	Freq			Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5458.658	10.60	32.90	30.72	47.24	60.02	74.00	-13.98 peak
2	5465.075	10.59	32.90	30.71	46.82	59.60	68.20	-8.60 peak
3 pp	5570.000	10.46	32.94	30.67	85.10	97.83	68.20	29.63 peak
4	5725.000	10.68	33.25	30.61	44.98	58.30	68.20	-9.90 peak
5	5736.779	10.73	33.27	30.61	46.59	59.98	68.20	-8.22 peak



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11ax_160M_Partial_RU996_TX_CH_114_Vertical-Avg



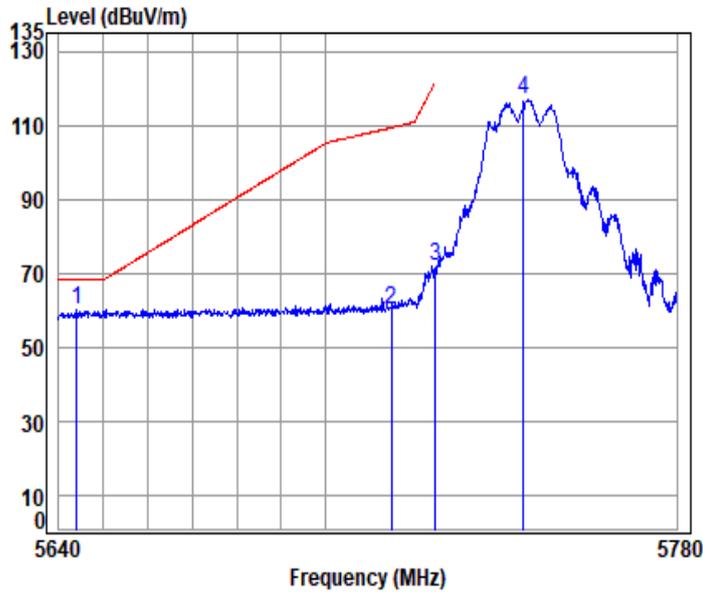
Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5570 Band edge
 : 5G Wi-Fi 11ax160 RU996

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5453.755	10.60	32.90	30.72	34.53	47.31	54.00	-6.69	Average
2 5460.000	10.60	32.90	30.72	34.37	47.15	54.00	-6.85	Average
3 5570.000	10.46	32.94	30.67	72.72	85.45	-----	-----	Average



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11a_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 01554WM

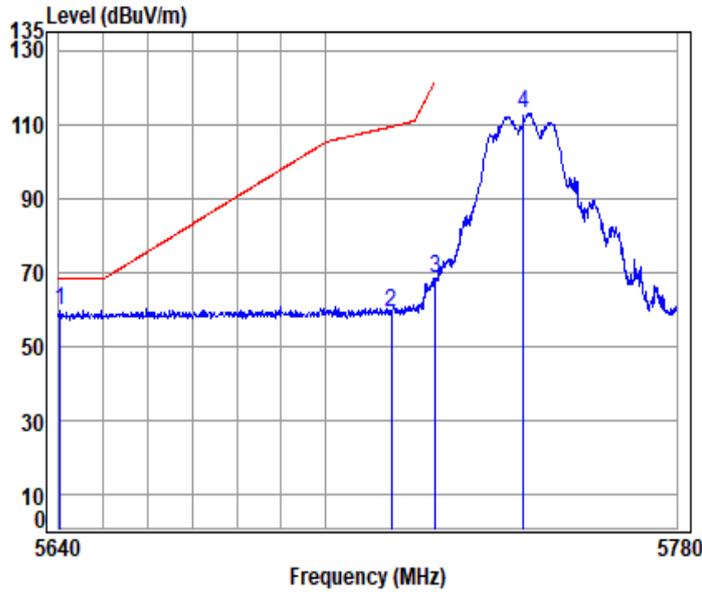
Mode : 5745 Band edge

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5644.012	10.48	33.09	30.64	46.98	59.91	68.20	-8.29	peak
2 5715.000	10.63	33.23	30.61	47.00	60.25	109.40	-49.15	peak
3 5725.000	10.68	33.25	30.61	58.62	71.94	122.20	-50.26	peak
4 5745.000	10.77	33.29	30.60	103.57	117.03	-----	-----	peak



11a_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

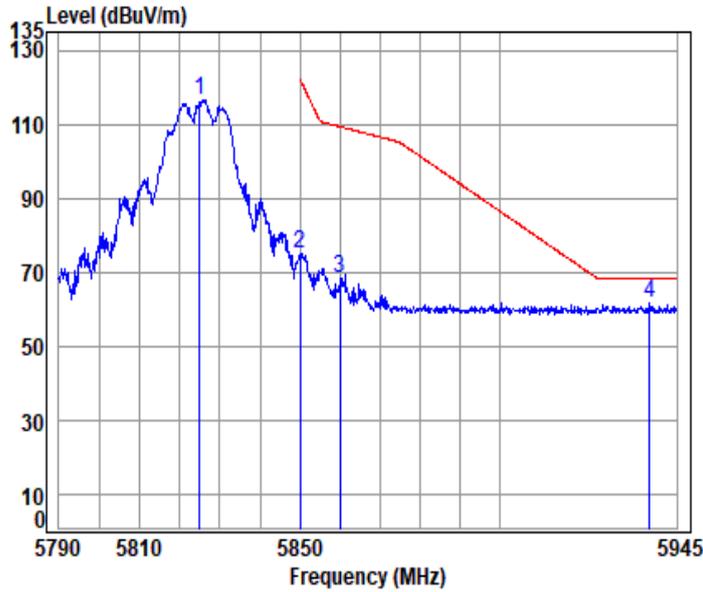
Mode : 5745 Band edge

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5640.276	10.47	33.08	30.64	46.85	59.76	68.20	-8.44	peak
2 5715.000	10.63	33.23	30.61	45.85	59.10	109.40	-50.30	peak
3 5725.000	10.68	33.25	30.61	55.09	68.41	122.20	-53.79	peak
4 5745.000	10.77	33.29	30.60	99.44	112.90	-----	-----	peak



11a_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5825 Band edge
 : 5.8G Wi-Fi 11a

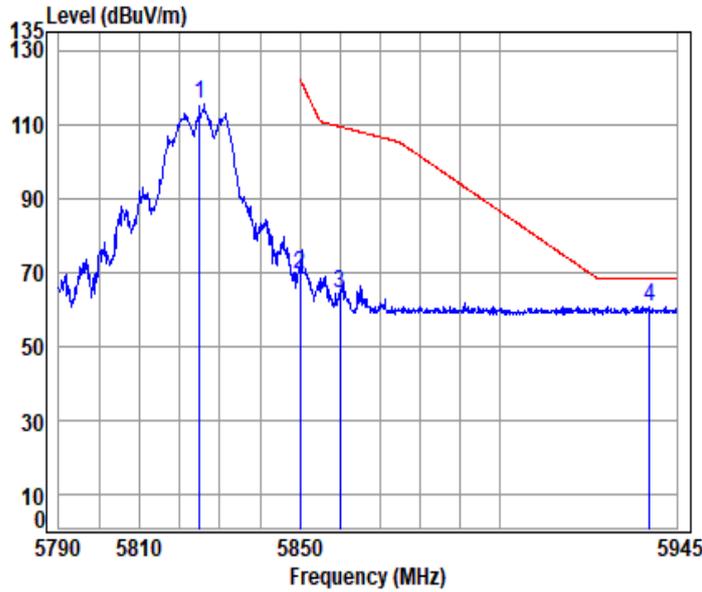
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	102.72	116.64	-----	----- peak
2	5850.000	10.95	33.60	30.56	61.15	75.14	122.20	-47.06 peak
3	5860.000	10.94	33.58	30.56	54.52	68.48	109.40	-40.92 peak
4 pp	5938.094	10.86	33.58	30.52	47.44	61.36	68.20	-6.84 peak



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11a_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11a

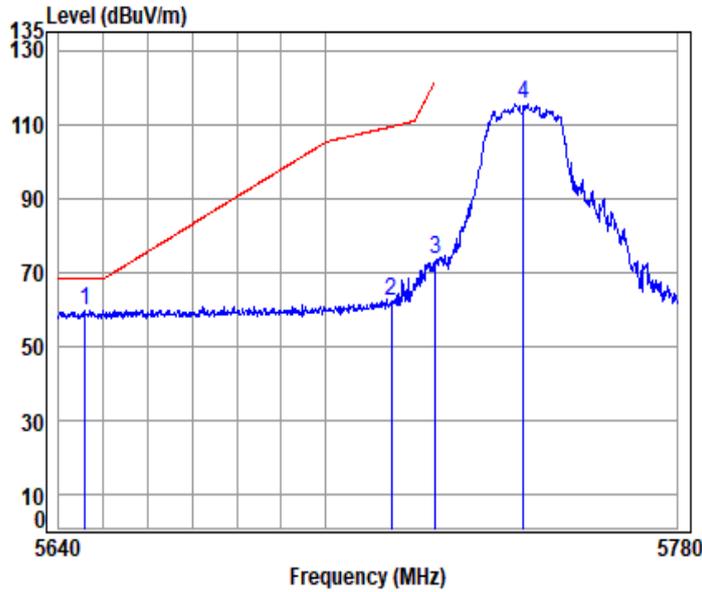
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	101.43	115.35	-----	----- peak
2	5850.000	10.95	33.60	30.56	55.43	69.42	122.20	-52.78 peak
3	5860.000	10.94	33.58	30.56	50.37	64.33	109.40	-45.07 peak
4 pp	5938.094	10.86	33.58	30.52	46.77	60.69	68.20	-7.51 peak



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11ac_HT(20M)_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ac20

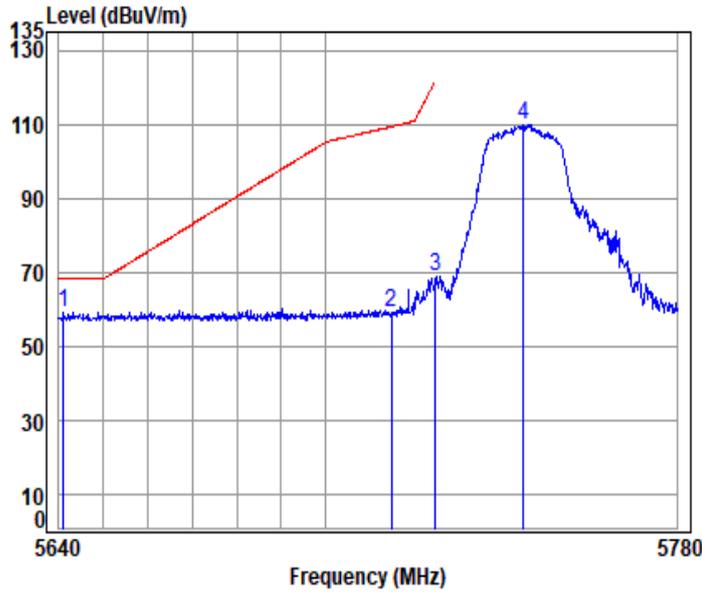
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5645.811	10.48	33.09	30.64	46.59	59.52	68.20	-8.68	peak
2 5715.000	10.63	33.23	30.61	49.02	62.27	109.40	-47.13	peak
3 5725.000	10.68	33.25	30.61	60.17	73.49	122.20	-48.71	peak
4 5745.000	10.77	33.29	30.60	102.25	115.71	-----	-----	peak



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11ac_HT(20M)_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

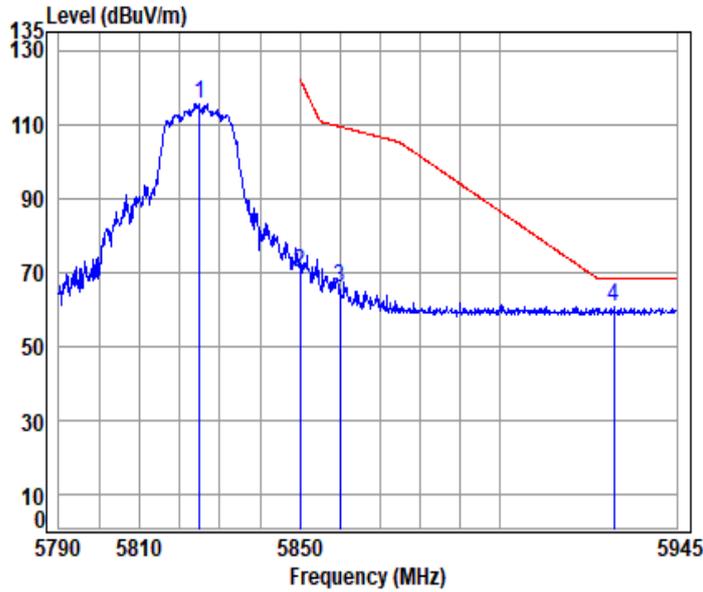
Mode : 5745 Band edge

: 5.8G Wi-Fi 11ac20

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5641.106	10.47	33.08	30.64	46.19	59.10	68.20	-9.10	peak
2 5715.000	10.63	33.23	30.61	45.96	59.21	109.40	-50.19	peak
3 5725.000	10.68	33.25	30.61	55.44	68.76	122.20	-53.44	peak
4 5745.000	10.77	33.29	30.60	96.31	109.77	-----	-----	peak



11ac_HT(20M)_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ac20

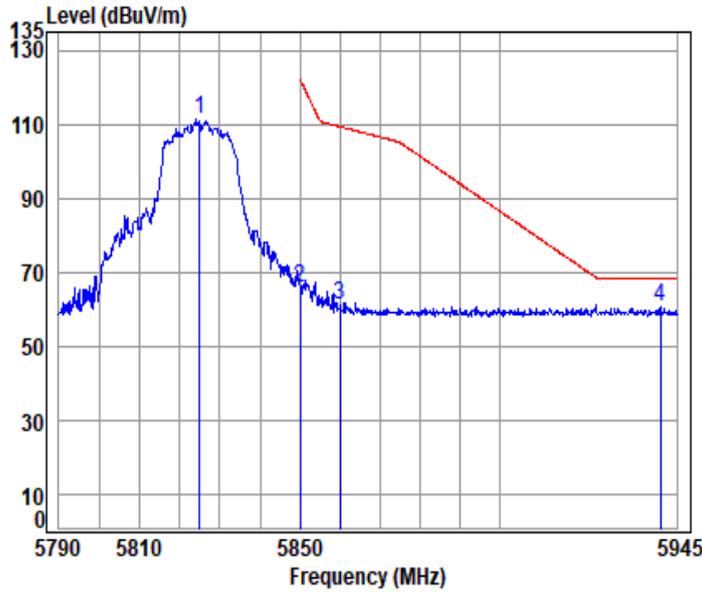
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	101.78	115.70	-----	----- peak
2	5850.000	10.95	33.60	30.56	56.06	70.05	122.20	-52.15 peak
3	5860.000	10.94	33.58	30.56	51.91	65.87	109.40	-43.53 peak
4 pp	5929.158	10.87	33.56	30.53	46.84	60.74	68.20	-7.46 peak



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11ac_HT(20M)_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ac20

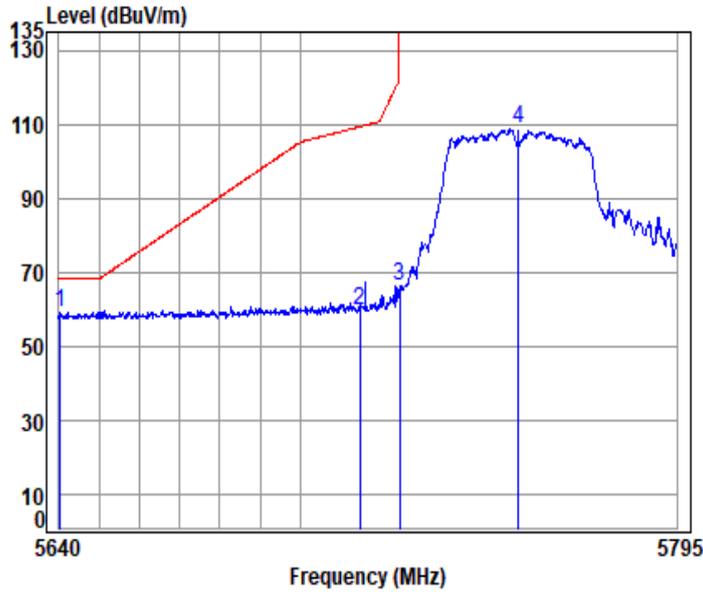
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	97.45	111.37	-----	----- peak
2	5850.000	10.95	33.60	30.56	51.92	65.91	122.20	-56.29 peak
3	5860.000	10.94	33.58	30.56	46.99	60.95	109.40	-48.45 peak
4 pp	5940.918	10.86	33.58	30.52	46.49	60.41	68.20	-7.79 peak



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11ac_HT(40M)_TX_CH_151_Horizontal



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ac40

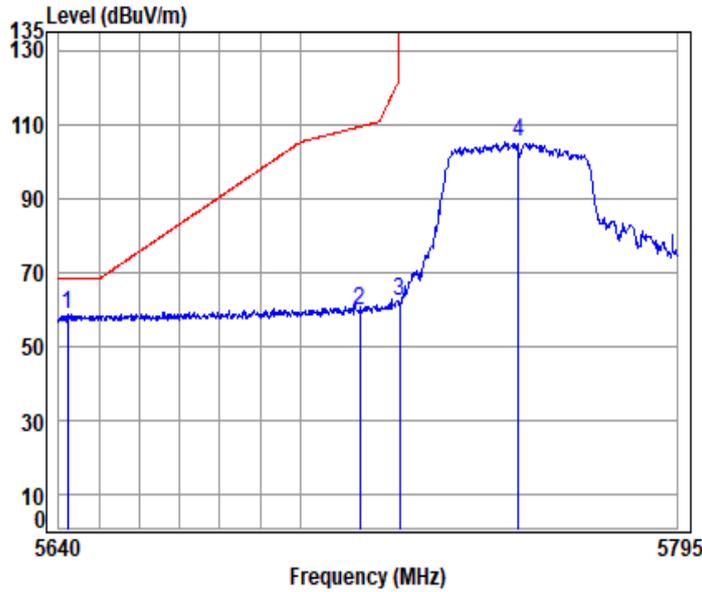
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5640.306	10.47	33.08	30.64	46.34	59.25	68.20	-8.95	peak
2 5715.000	10.63	33.23	30.61	46.10	59.35	109.40	-50.05	peak
3 5725.000	10.68	33.25	30.61	53.00	66.32	122.20	-55.88	peak
4 5755.000	10.81	33.31	30.60	95.32	108.84	-----	-----	peak



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11ac_HT(40M)_TX_CH_151_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ac40

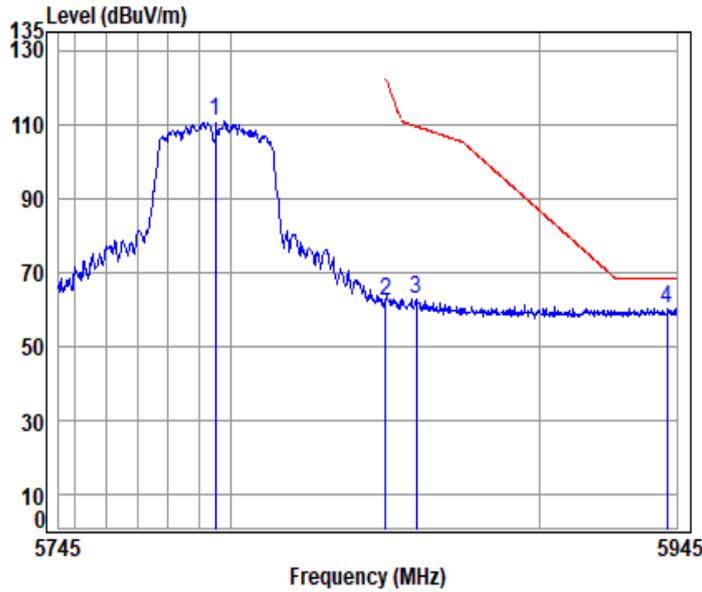
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5642.141	10.47	33.08	30.64	45.59	58.50	68.20	-9.70	peak
2 5715.000	10.63	33.23	30.61	46.11	59.36	109.40	-50.04	peak
3 5725.000	10.68	33.25	30.61	48.54	61.86	122.20	-60.34	peak
4 5755.000	10.81	33.31	30.60	91.51	105.03	-----	-----	peak



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11ac_HT(40M)_TX_CH_159_Horizontal



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5795 Band edge

: 5.8G Wi-Fi 11ac40

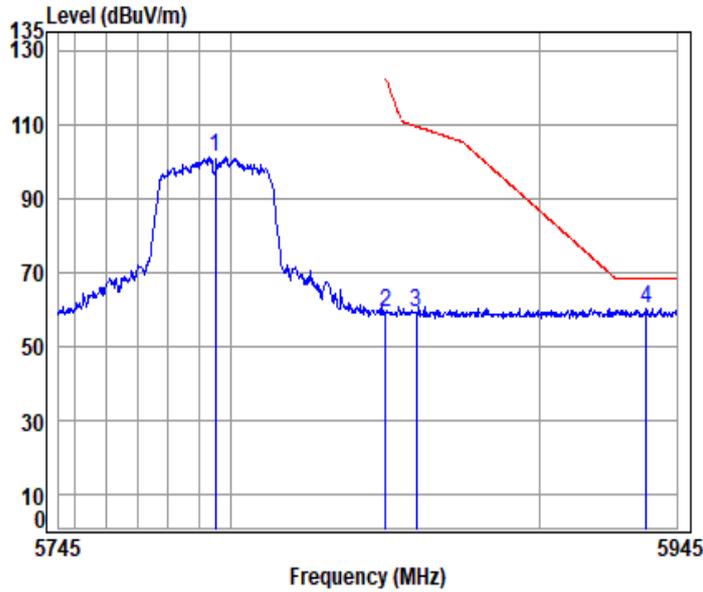
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	96.85	110.66	-----	----- peak
2	5850.000	10.95	33.60	30.56	48.14	62.13	122.20	-60.07 peak
3	5860.000	10.94	33.58	30.56	48.58	62.54	109.40	-46.86 peak
4 pp	5941.949	10.86	33.58	30.52	46.35	60.27	68.20	-7.93 peak



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11ac_HT(40M)_TX_CH_159_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5795 Band edge

: 5.8G Wi-Fi 11ac40

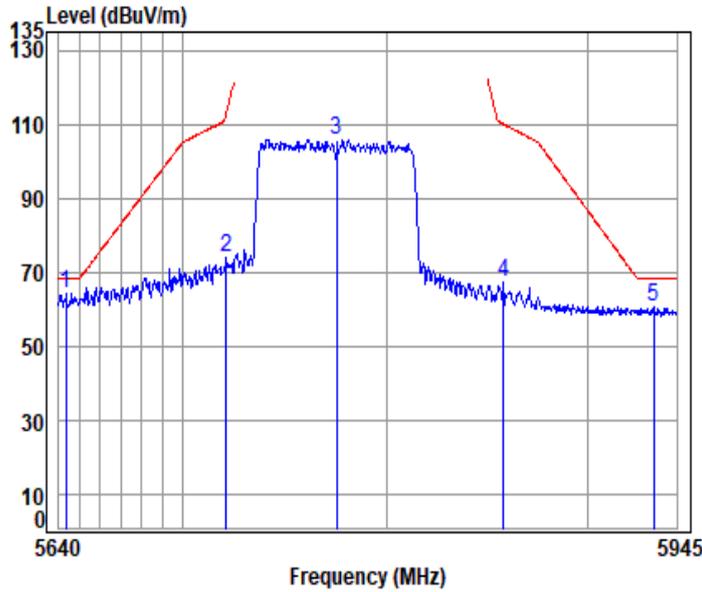
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	87.35	101.16	-----	----- peak
2	5850.000	10.95	33.60	30.56	44.95	58.94	122.20	-63.26 peak
3	5860.000	10.94	33.58	30.56	44.95	58.91	109.40	-50.49 peak
4 pp	5935.040	10.86	33.57	30.53	46.11	60.01	68.20	-8.19 peak



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11ac_VHT(80M)_TX_CH_155_Horizontal



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ac80

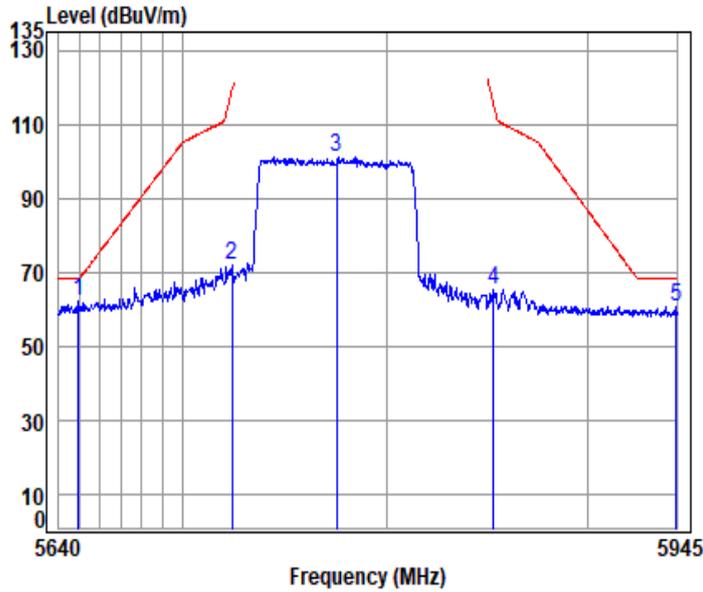
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5643.565	10.48	33.09	30.64	51.30	64.23	68.20	-3.97	peak
2 5721.075	10.66	33.24	30.61	60.39	73.68	113.25	-39.57	peak
3 5775.000	10.91	33.35	30.59	92.14	105.81	-----	-----	peak
4 5857.975	10.94	33.58	30.56	53.07	67.03	109.97	-42.94	peak
5 5933.426	10.86	33.57	30.53	46.53	60.43	68.20	-7.77	peak



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11ac_VHT(80M)_TX_CH_155_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ac80

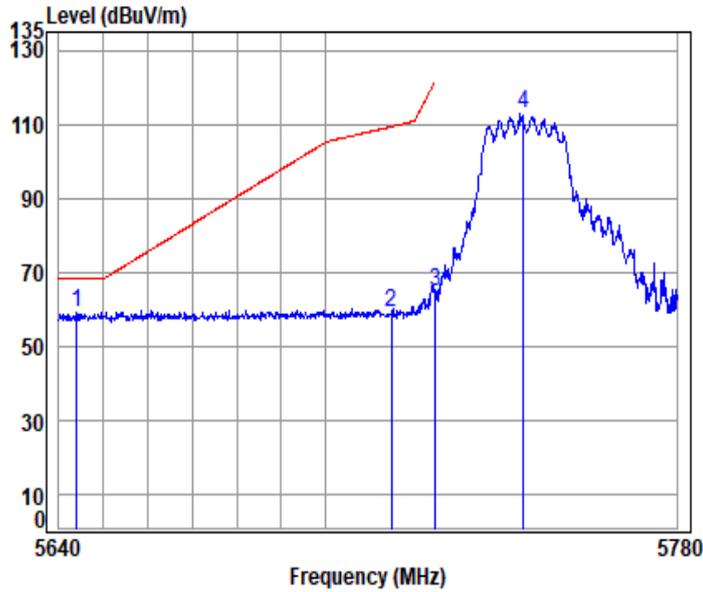
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5649.513	10.48	33.10	30.64	49.27	62.21	68.20	-5.99	peak
2 5723.787	10.67	33.25	30.61	58.69	72.00	119.44	-47.44	peak
3 5775.000	10.91	33.35	30.59	87.62	101.29	-----	-----	peak
4 5853.041	10.95	33.59	30.56	51.09	65.07	115.27	-50.20	peak
5 5944.687	10.85	33.59	30.52	46.50	60.42	68.20	-7.78	peak



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11ax_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 01554WM

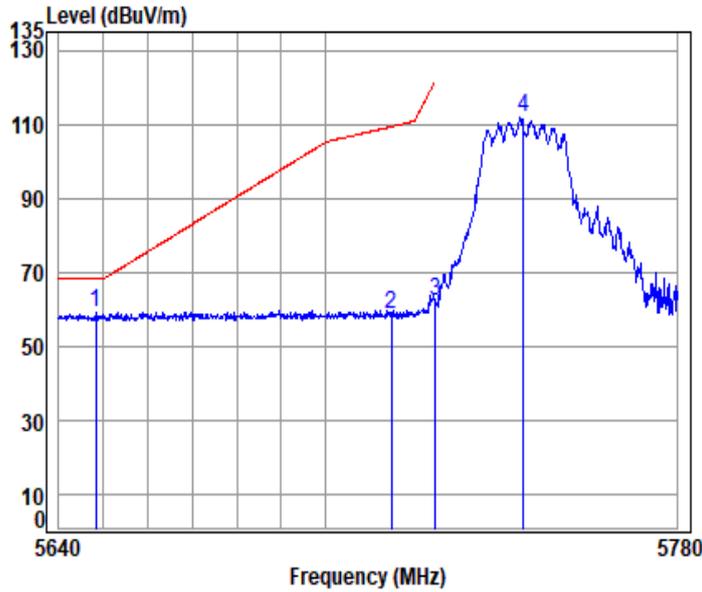
Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5644.012	10.48	33.09	30.64	46.21	59.14	68.20	-9.06	peak
2 5715.000	10.63	33.23	30.61	45.69	58.94	109.40	-50.46	peak
3 5725.000	10.68	33.25	30.61	51.58	64.90	122.20	-57.30	peak
4 5745.000	10.77	33.29	30.60	99.32	112.78	-----	-----	peak



11ax_20M_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20

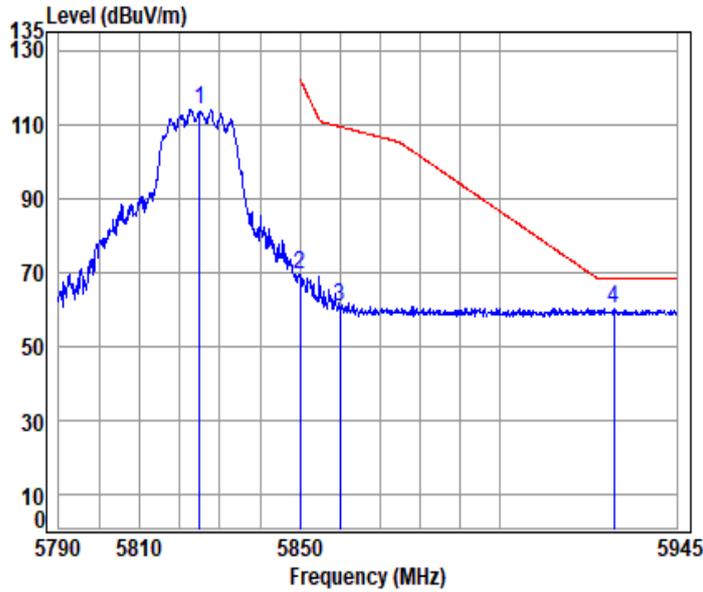
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5648.304	10.48	33.10	30.64	46.06	59.00	68.20	-9.20	peak
2 5715.000	10.63	33.23	30.61	45.11	58.36	109.40	-51.04	peak
3 5725.000	10.68	33.25	30.61	48.70	62.02	122.20	-60.18	peak
4 5745.000	10.77	33.29	30.60	98.33	111.79	-----	-----	peak



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11ax_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20

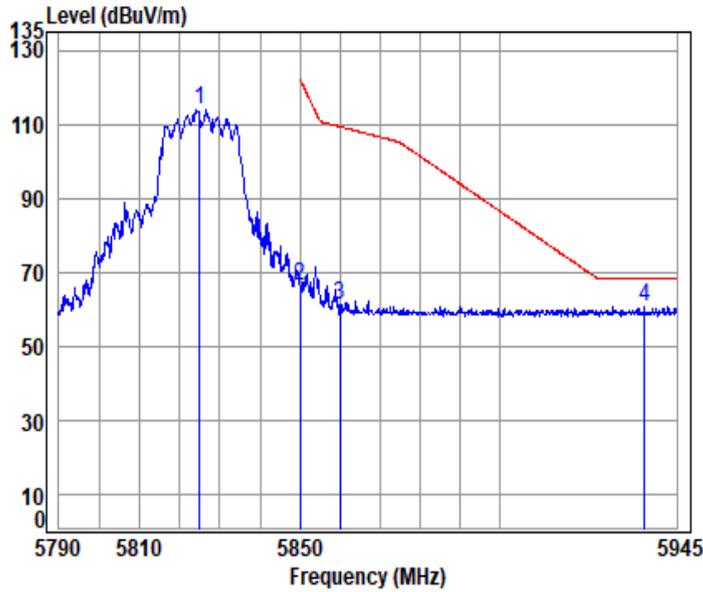
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	100.28	114.20	-----	----- peak
2	5850.000	10.95	33.60	30.56	55.19	69.18	122.20	-53.02 peak
3	5860.000	10.94	33.58	30.56	46.82	60.78	109.40	-48.62 peak
4 pp	5929.158	10.87	33.56	30.53	46.11	60.01	68.20	-8.19 peak



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11ax_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20

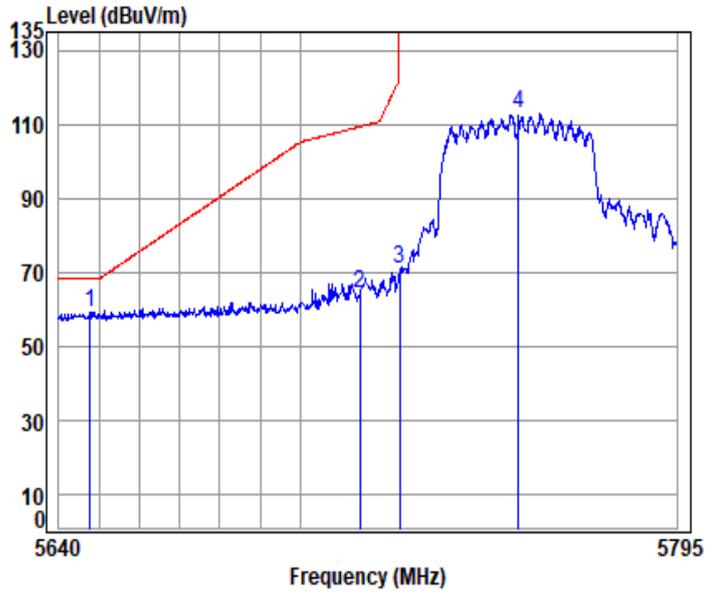
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	100.01	113.93	-----	----- peak
2	5850.000	10.95	33.60	30.56	52.23	66.22	122.20	-55.98 peak
3	5860.000	10.94	33.58	30.56	47.30	61.26	109.40	-48.14 peak
4 pp	5936.839	10.86	33.57	30.53	46.92	60.82	68.20	-7.38 peak



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11ax_40M_TX_CH_151_Horizontal



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ax40

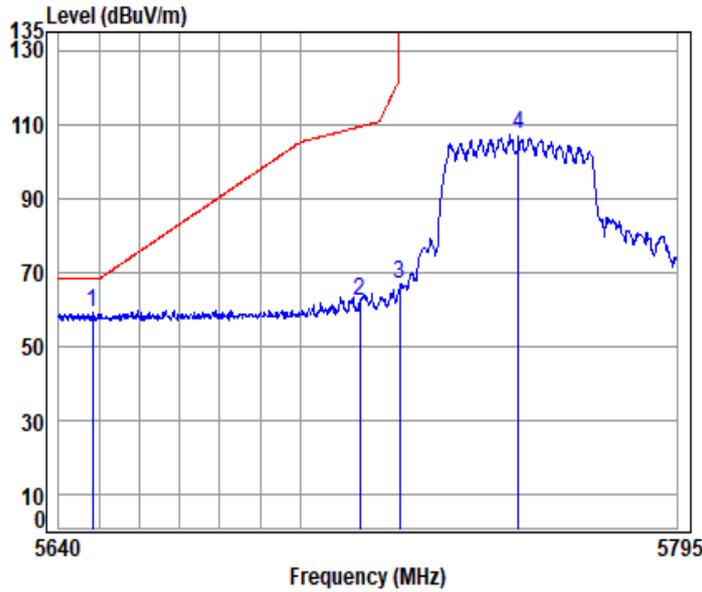
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5647.650	10.48	33.10	30.64	46.24	59.18	68.20	-9.02	peak
2 5715.000	10.63	33.23	30.61	51.02	64.27	109.40	-45.13	peak
3 5725.000	10.68	33.25	30.61	57.26	70.58	122.20	-51.62	peak
4 5755.000	10.81	33.31	30.60	99.21	112.73	-----	-----	peak



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11ax_40M_TX_CH_151_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

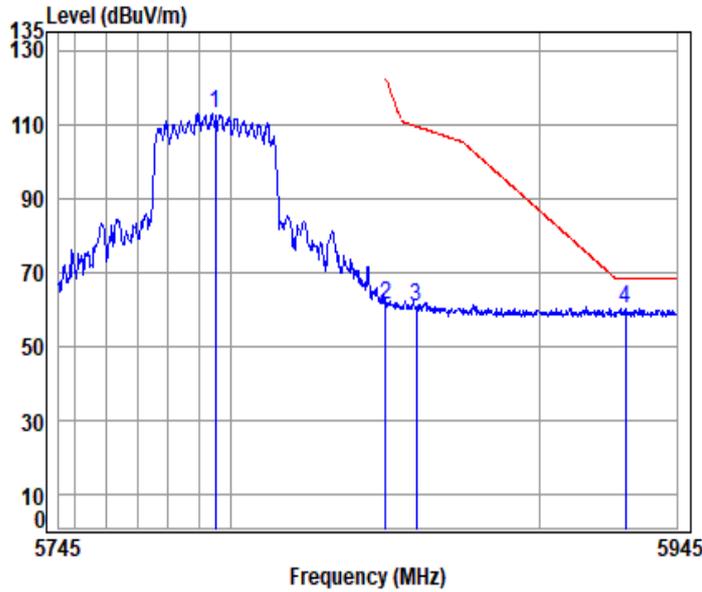
Mode : 5755 Band edge

: 5.8G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5648.416	10.48	33.10	30.64	45.93	58.87	68.20	-9.33	peak
2 5715.000	10.63	33.23	30.61	48.69	61.94	109.40	-47.46	peak
3 5725.000	10.68	33.25	30.61	53.44	66.76	122.20	-55.44	peak
4 5755.000	10.81	33.31	30.60	93.52	107.04	-----	-----	peak



11ax_40M_TX_CH_159_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5795 Band edge
 : 5.8G Wi-Fi 11ax40

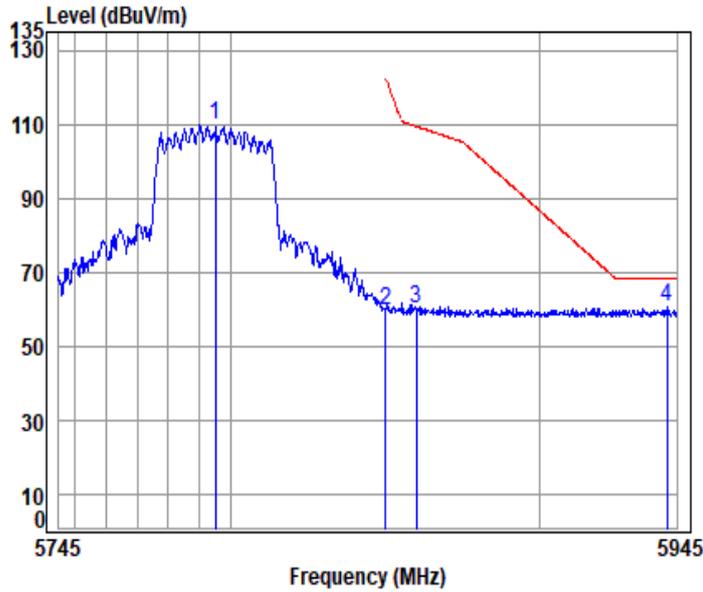
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	99.30	113.11	-----	----- peak
2	5850.000	10.95	33.60	30.56	47.12	61.11	122.20	-61.09 peak
3	5860.000	10.94	33.58	30.56	46.48	60.44	109.40	-48.96 peak
4 pp	5928.138	10.87	33.56	30.53	46.23	60.13	68.20	-8.07 peak



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11ax_40M_TX_CH_159_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5795 Band edge

: 5.8G Wi-Fi 11ax40

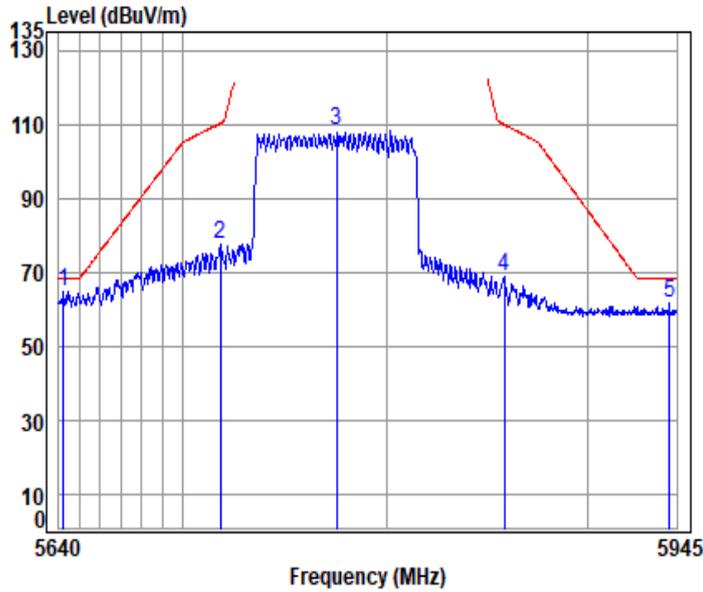
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	95.87	109.68	-----	----- peak
2	5850.000	10.95	33.60	30.56	45.58	59.57	122.20	-62.63 peak
3	5860.000	10.94	33.58	30.56	46.23	60.19	109.40	-49.21 peak
4 pp	5941.949	10.86	33.58	30.52	46.48	60.40	68.20	-7.80 peak



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11ax_80M_TX_CH_155_Horizontal



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ax80

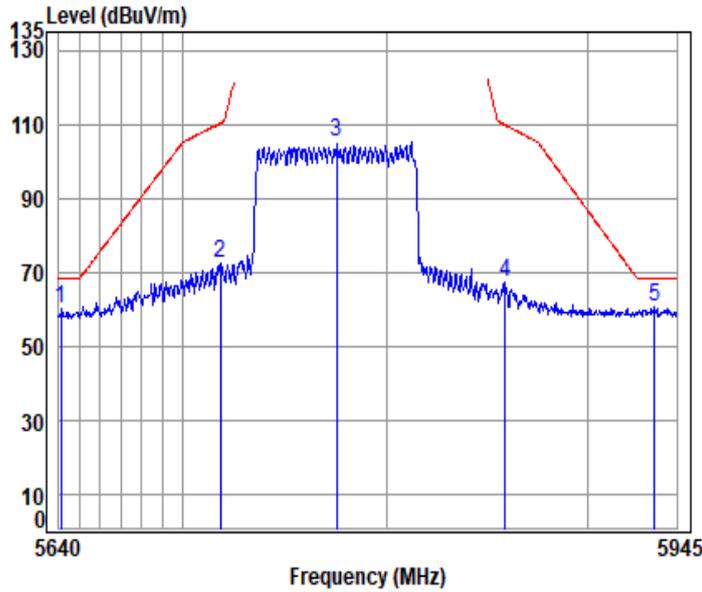
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5642.080	10.47	33.08	30.64	51.88	64.79	68.20	-3.41	peak
2 5718.063	10.64	33.24	30.61	64.03	77.30	110.26	-32.96	peak
3 5775.000	10.91	33.35	30.59	94.56	108.23	-----	-----	peak
4 5858.283	10.94	33.58	30.56	54.89	68.85	109.88	-41.03	peak
5 5941.244	10.86	33.58	30.52	47.55	61.47	68.20	-6.73	peak



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11ax_80M_TX_CH_155_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ax80

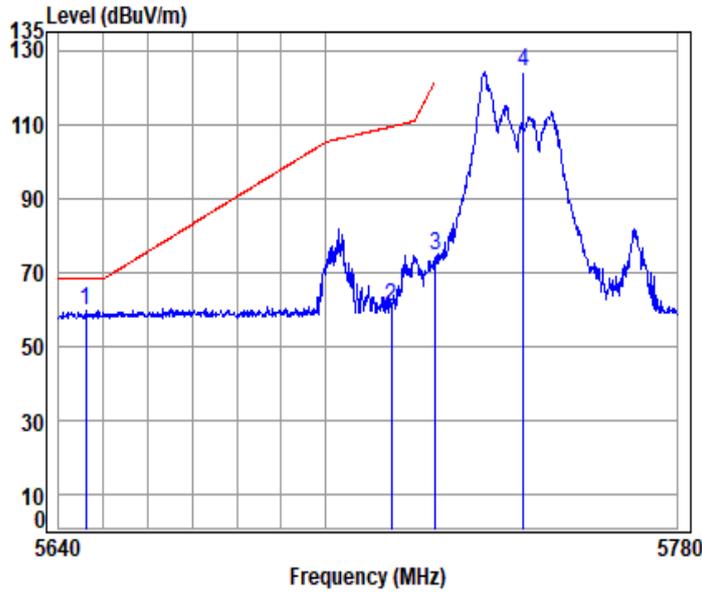
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5641.188	10.47	33.08	30.64	47.08	59.99	68.20	-8.21 peak
2	5718.063	10.64	33.24	30.61	59.33	72.60	110.26	-37.66 peak
3	5775.000	10.91	33.35	30.59	91.34	105.01	-----	----- peak
4	5858.592	10.94	33.58	30.56	53.12	67.08	109.79	-42.71 peak
5 pp	5933.739	10.86	33.57	30.53	46.78	60.68	68.20	-7.52 peak



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11ax_20M_Partial_RU26_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5745 Band edge
 : 5.8G Wi-Fi 11ax20 RU26

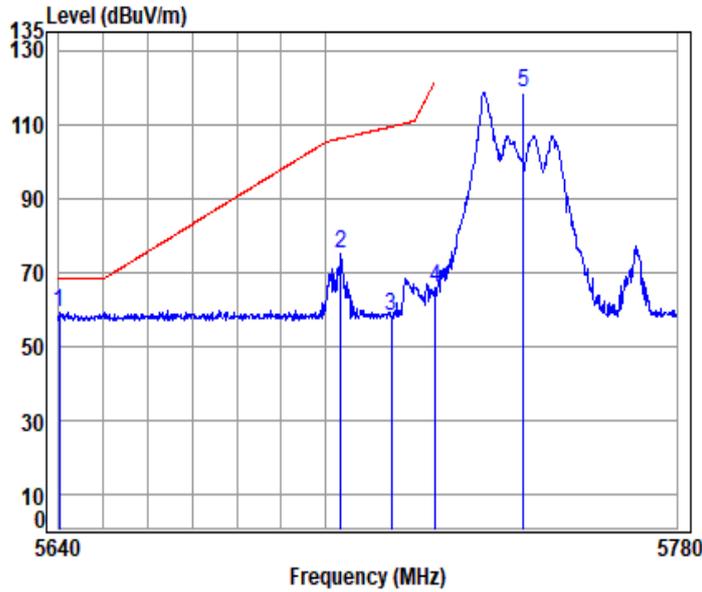
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5646.088	10.48	33.09	30.64	46.44	59.37	68.20	-8.83	peak
2 5715.000	10.63	33.23	30.61	47.44	60.69	109.40	-48.71	peak
3 5725.000	10.68	33.25	30.61	61.23	74.55	122.20	-47.65	peak
4 5745.000	10.77	33.29	30.60	110.79	124.25	-----	-----	peak



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11ax_20M_Partial_RU26_TX_CH_149_Vertical



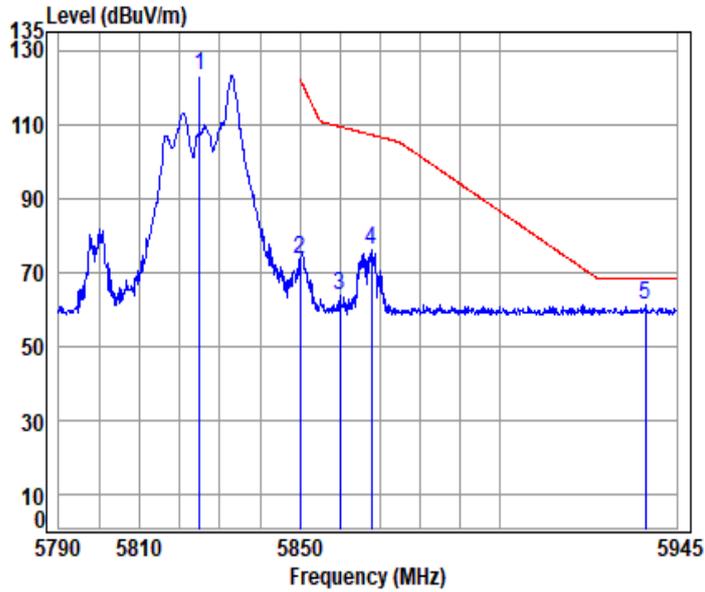
Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5745 Band edge
 : 5.8G Wi-Fi 11ax20 RU26

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5640.138	10.47	33.08	30.64	46.19	59.10	68.20	-9.10	peak
2 5703.554	10.58	33.21	30.62	61.82	74.99	106.20	-31.21	Peak
3 5715.000	10.63	33.23	30.61	44.94	58.19	109.40	-51.21	peak
4 5725.000	10.68	33.25	30.61	52.30	65.62	122.20	-56.58	peak
5 5745.000	10.77	33.29	30.60	105.37	118.83	-----	-----	peak



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11ax_20M_Partial_RU26_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5825 Band edge
 : 5.8G Wi-Fi 11ax20 RU26

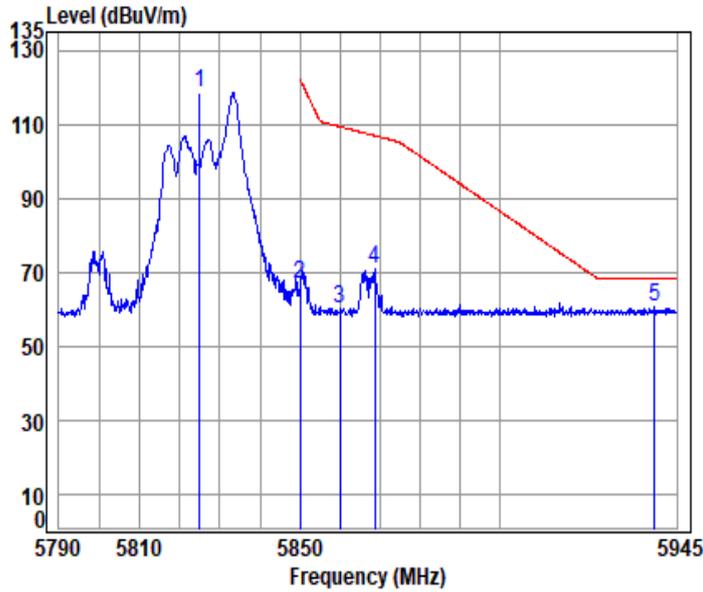
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	109.36	123.28	-----	----- peak
2	5850.000	10.95	33.60	30.56	59.40	73.39	122.20	-48.81 peak
3	5860.000	10.94	33.58	30.56	49.55	63.51	109.40	-45.89 peak
4	5867.918	10.93	33.56	30.55	62.00	75.94	107.18	-31.24 Peak
5 pp	5936.996	10.86	33.57	30.53	47.22	61.12	68.20	-7.08 peak



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11ax_20M_Partial_RU26_TX_CH_165_Vertical



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5825 Band edge
 : 5.8G Wi-Fi 11ax20 RU26

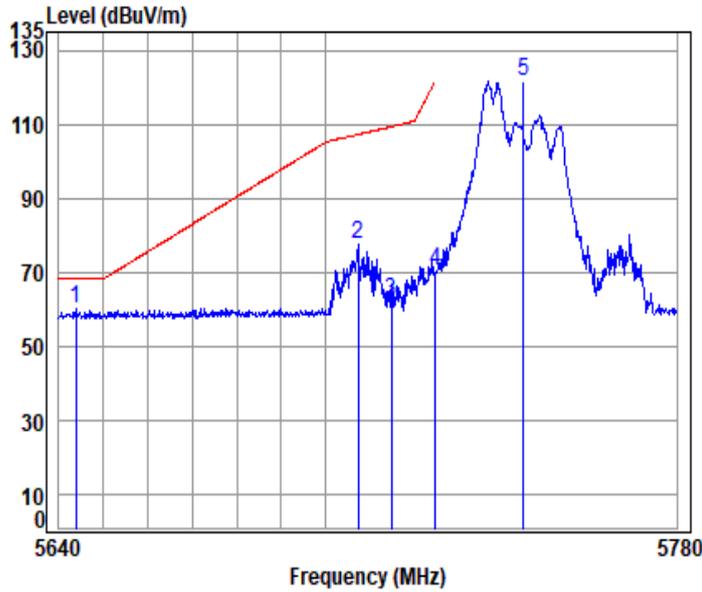
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	104.62	118.54	-----	----- peak
2	5850.000	10.95	33.60	30.56	52.60	66.59	122.20	-55.61 peak
3	5860.000	10.94	33.58	30.56	46.10	60.06	109.40	-49.34 peak
4	5868.693	10.93	33.56	30.55	56.77	70.71	106.96	-36.25 Peak
5 pp	5939.349	10.86	33.58	30.52	46.53	60.45	68.20	-7.75 peak



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11ax_20M_Partial_RU52_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5745 Band edge
 : 5.8G Wi-Fi 11ax20 RU52

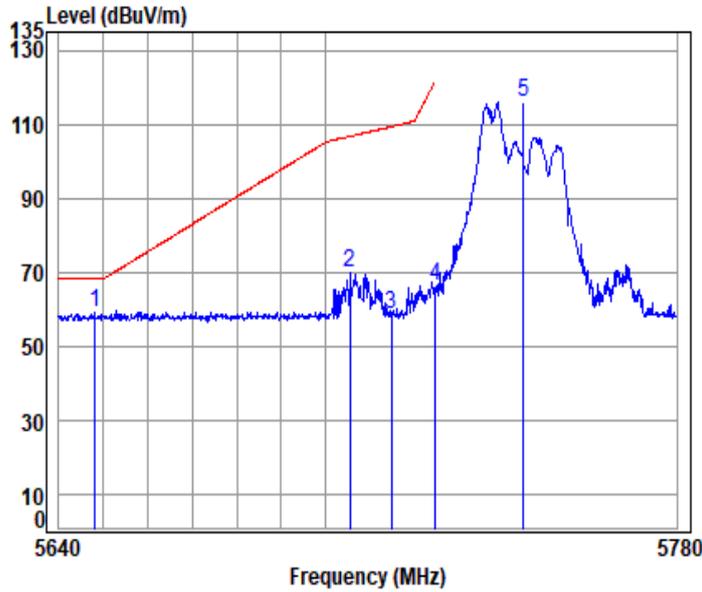
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5643.874	10.48	33.09	30.64	47.35	60.28	68.20	-7.92	peak
2 5707.332	10.59	33.21	30.62	64.26	77.44	107.26	-29.82	Peak
3 5715.000	10.63	33.23	30.61	48.84	62.09	109.40	-47.31	peak
4 5725.000	10.68	33.25	30.61	57.20	70.52	122.20	-51.68	peak
5 5745.000	10.77	33.29	30.60	108.08	121.54	-----	-----	peak



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11ax_20M_Partial_RU52_TX_CH_149_Vertical



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5745 Band edge
 : 5.8G Wi-Fi 11ax20 RU52

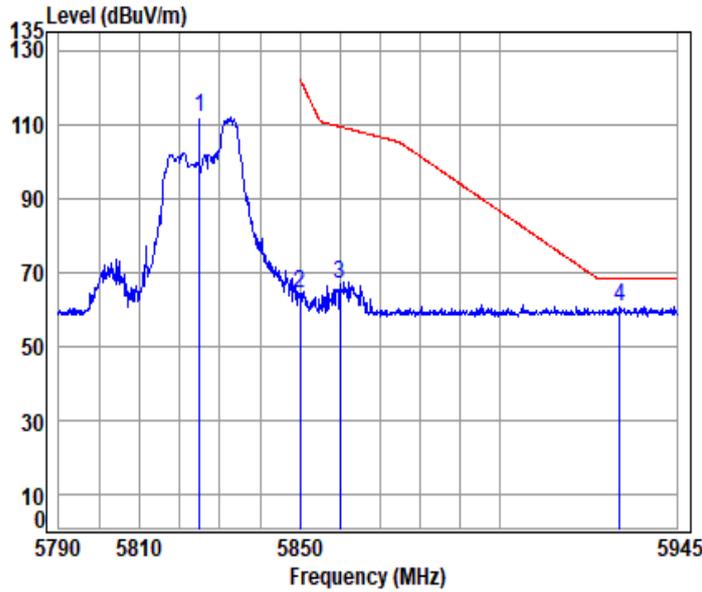
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5648.026	10.48	33.10	30.64	46.04	58.98	68.20	-9.22	peak
2 5705.513	10.59	33.21	30.62	56.53	69.71	106.75	-37.04	Peak
3 5715.000	10.63	33.23	30.61	45.08	58.33	109.40	-51.07	peak
4 5725.000	10.68	33.25	30.61	52.80	66.12	122.20	-56.08	peak
5 5745.000	10.77	33.29	30.60	102.30	115.76	-----	-----	peak



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11ax_20M_Partial_RU52_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5825 Band edge
 : 5.8G Wi-Fi 11ax20 RU52

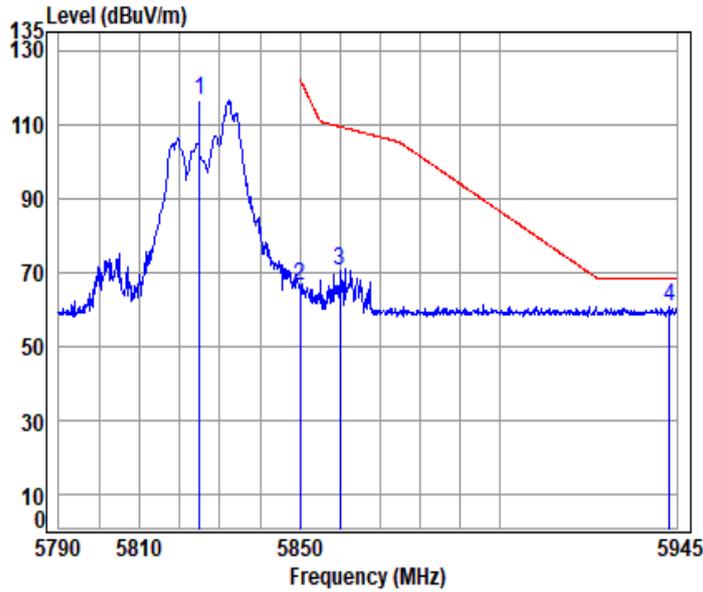
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	97.83	111.75	-----	----- peak
2	5850.000	10.95	33.60	30.56	50.10	64.09	122.20	-58.11 peak
3	5860.000	10.94	33.58	30.56	52.84	66.80	109.40	-42.60 peak
4 pp	5930.568	10.87	33.56	30.53	46.71	60.61	68.20	-7.59 peak



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11ax_20M_Partial_RU52_TX_CH_165_Vertical



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5825 Band edge
 : 5.8G Wi-Fi 11ax20 RU52

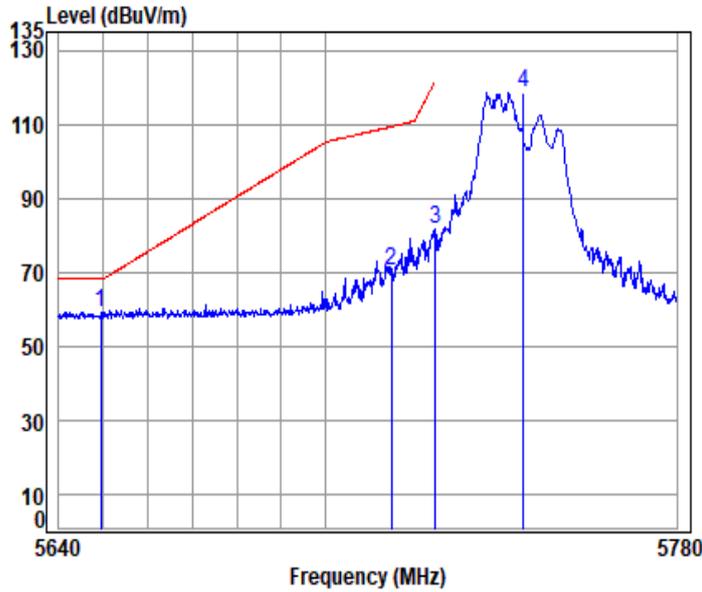
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	102.49	116.41	-----	----- peak
2	5850.000	10.95	33.60	30.56	52.35	66.34	122.20	-55.86 peak
3	5860.000	10.94	33.58	30.56	56.37	70.33	109.40	-39.07 peak
4 pp	5943.272	10.86	33.59	30.52	46.77	60.70	68.20	-7.50 peak



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11ax_20M_Partial_RU106_TX_CH_149_Horizontal



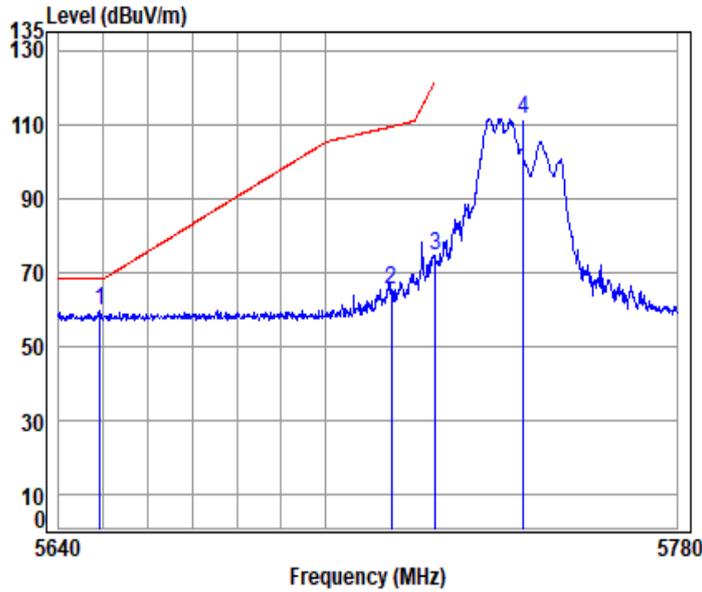
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5745 Band edge
 : 5.8G Wi-Fi 11ax20 RU106

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5649.412	10.48	33.10	30.64	46.10	59.04	68.20	-9.16	peak
2 5715.000	10.63	33.23	30.61	57.21	70.46	109.40	-38.94	peak
3 5725.000	10.68	33.25	30.61	68.44	81.76	122.20	-40.44	peak
4 5745.000	10.77	33.29	30.60	105.24	118.70	-----	-----	peak



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11ax_20M_Partial_RU106_TX_CH_149_Vertical



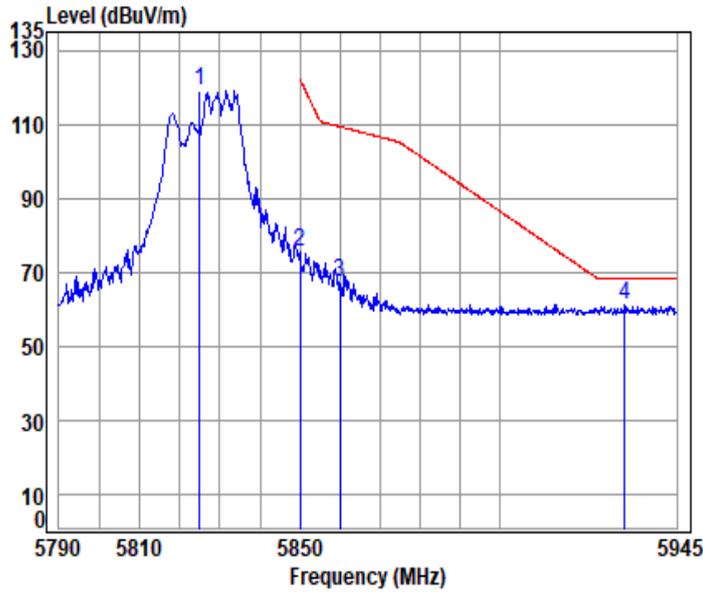
Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5745 Band edge
 : 5.8G Wi-Fi 11ax20 RU106

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5649.135	10.48	33.10	30.64	46.37	59.31	68.20	-8.89	peak
2 5715.000	10.63	33.23	30.61	52.07	65.32	109.40	-44.08	peak
3 5725.000	10.68	33.25	30.61	61.19	74.51	122.20	-47.69	peak
4 5745.000	10.77	33.29	30.60	98.16	111.62	-----	-----	peak



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11ax_20M_Partial_RU106_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5825 Band edge
 : 5.8G Wi-Fi 11ax20 RU106

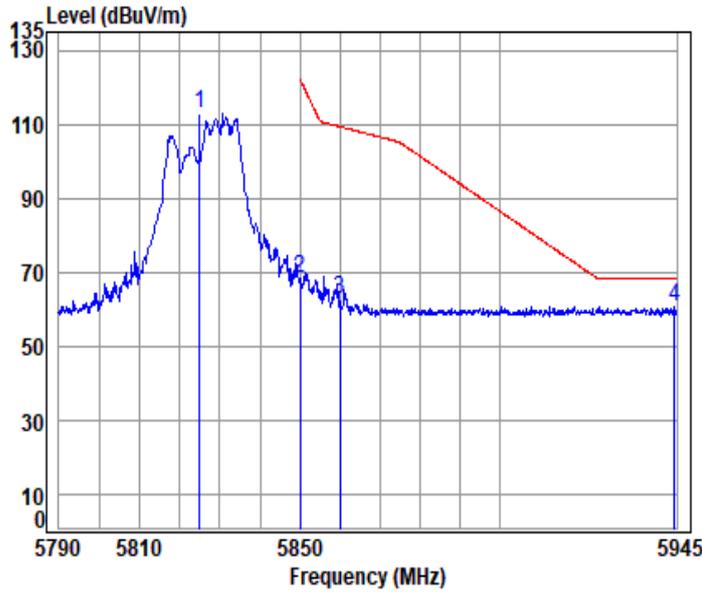
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	104.95	118.87	-----	----- peak
2	5850.000	10.95	33.60	30.56	61.24	75.23	122.20	-46.97 peak
3	5860.000	10.94	33.58	30.56	53.08	67.04	109.40	-42.36 peak
4 pp	5931.822	10.86	33.56	30.53	47.09	60.98	68.20	-7.22 peak



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11ax_20M_Partial_RU106_TX_CH_165_Vertical



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5825 Band edge
 : 5.8G Wi-Fi 11ax20 RU106

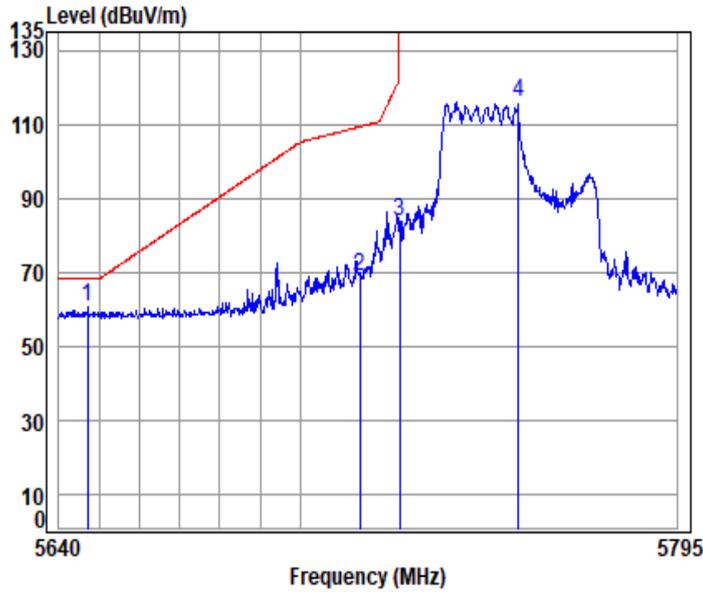
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	10.99	33.50	30.57	99.19	113.11	-----	----- peak
2	5850.000	10.95	33.60	30.56	54.15	68.14	122.20	-54.06 peak
3	5860.000	10.94	33.58	30.56	48.63	62.59	109.40	-46.81 peak
4 pp	5944.372	10.85	33.59	30.52	46.63	60.55	68.20	-7.65 peak



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11ax_40M_Partial_RU242_TX_CH_151_Horizontal



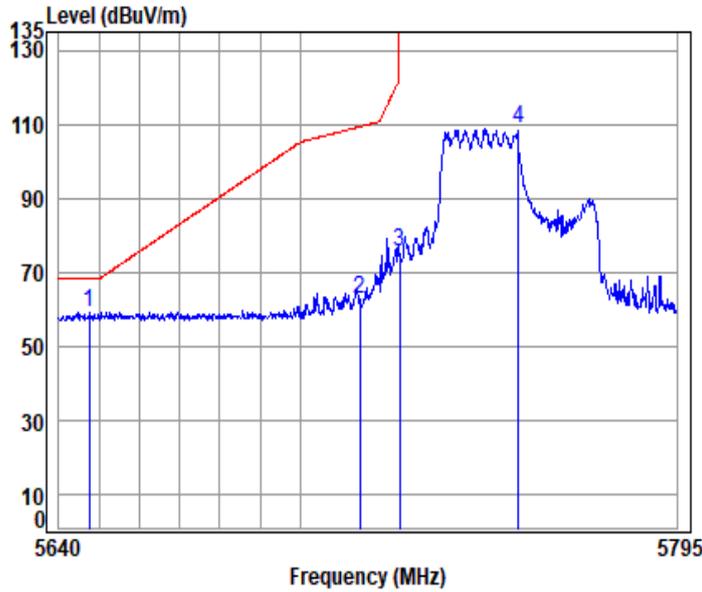
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5755 Band edge
 : 5.8G Wi-Fi 11ax40 RU242

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5647.191	10.48	33.09	30.64	47.47	60.40	68.20	-7.80	peak
2 5715.000	10.63	33.23	30.61	55.58	68.83	109.40	-40.57	peak
3 5725.000	10.68	33.25	30.61	70.51	83.83	122.20	-38.37	peak
4 5755.000	10.81	33.31	30.60	102.44	115.96	-----	-----	peak



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11ax_40M_Partial_RU242_TX_CH_151_Vertical



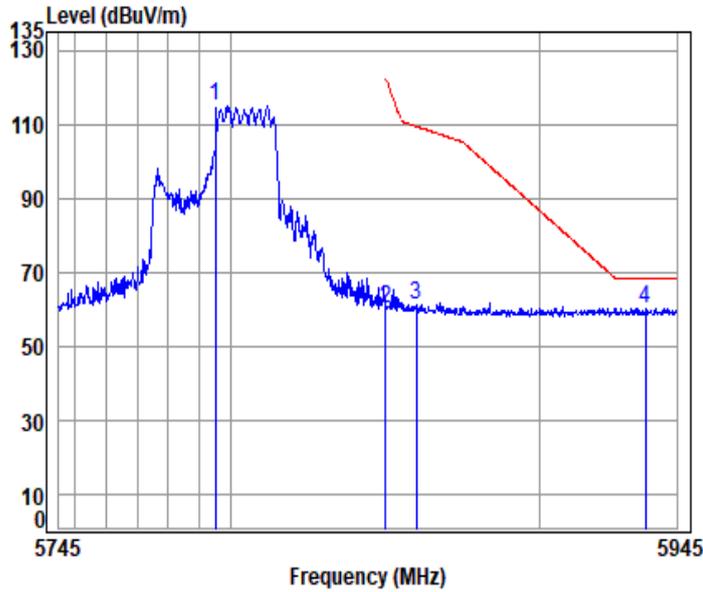
Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5755 Band edge
 : 5.8G Wi-Fi 11ax40 RU242

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5647.498	10.48	33.09	30.64	46.04	58.97	68.20	-9.23	peak
2 5715.000	10.63	33.23	30.61	49.19	62.44	109.40	-46.96	peak
3 5725.000	10.68	33.25	30.61	61.90	75.22	122.20	-46.98	peak
4 5755.000	10.81	33.31	30.60	95.06	108.58	-----	-----	peak



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11ax_40M_Partial_RU242_TX_CH_159_Horizontal



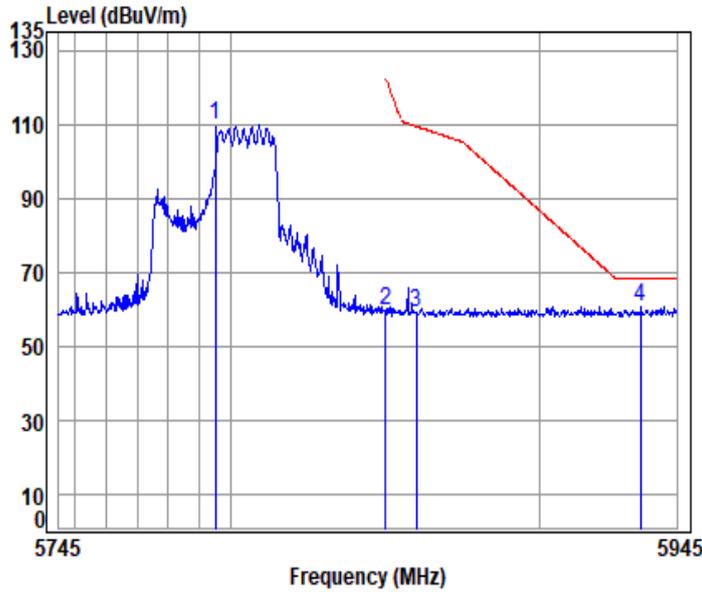
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5795 Band edge
 : 5.8G Wi-Fi 11ax40 RU242

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	101.12	114.93	-----	----- peak
2	5850.000	10.95	33.60	30.56	45.95	59.94	122.20	-62.26 peak
3	5860.000	10.94	33.58	30.56	46.90	60.86	109.40	-48.54 peak
4 pp	5934.836	10.86	33.57	30.53	46.27	60.17	68.20	-8.03 peak



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11ax_40M_Partial_RU242_TX_CH_159_Vertical



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5795 Band edge

: 5.8G Wi-Fi 11ax40 RU242

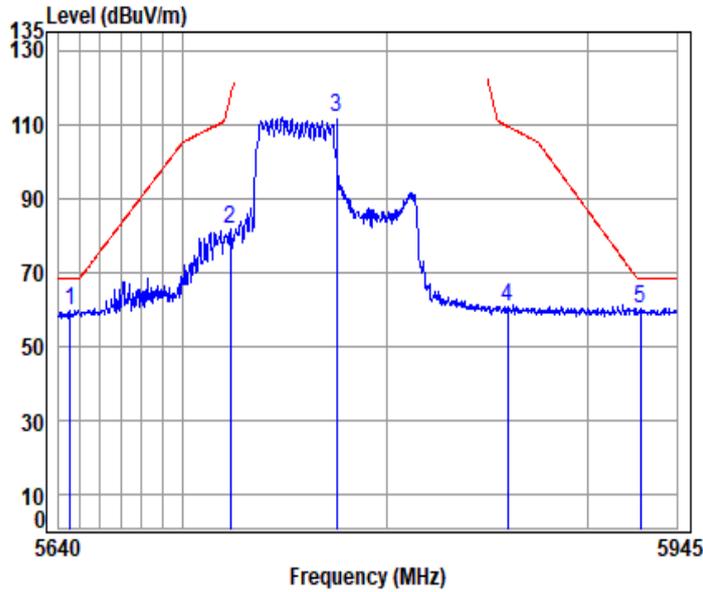
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5795.000	11.00	33.39	30.58	95.83	109.64	-----	----- peak
2	5850.000	10.95	33.60	30.56	45.56	59.55	122.20	-62.65 peak
3	5860.000	10.94	33.58	30.56	44.93	58.89	109.40	-50.51 peak
4 pp	5933.212	10.86	33.57	30.53	46.80	60.70	68.20	-7.50 peak



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11ax_80M_Partial_RU484_TX_CH_155_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5775 Band edge
 : 5.8G Wi-Fi 11ax80 RU484

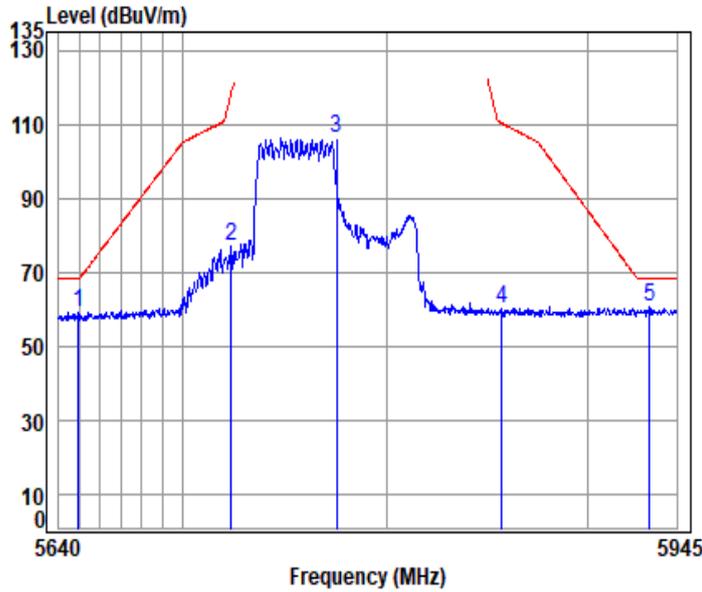
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5645.349	10.48	33.09	30.64	46.57	59.50	68.20	-8.70 peak
2	5722.883	10.67	33.25	30.61	68.39	81.70	117.37	-35.67 peak
3	5775.000	10.91	33.35	30.59	98.00	111.67	-----	----- peak
4	5859.826	10.94	33.58	30.56	46.78	60.74	109.45	-48.71 peak
5 pp	5926.868	10.87	33.55	30.53	46.36	60.25	68.20	-7.95 peak



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11ax_80M_Partial_RU484_TX_CH_155_Vertical



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5775 Band edge
 : 5.8G Wi-Fi 11ax80 RU484

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5649.513	10.48	33.10	30.64	46.22	59.16	68.20	-9.04 peak
2	5723.486	10.67	33.25	30.61	63.52	76.83	118.75	-41.92 peak
3	5775.000	10.91	33.35	30.59	92.67	106.34	-----	----- peak
4	5857.049	10.95	33.59	30.56	46.13	60.11	110.23	-50.12 peak
5 pp	5931.239	10.87	33.56	30.53	46.68	60.58	68.20	-7.62 peak



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7.6 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1
 Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

7.6.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.2 °C Humidity: 40.0 % RH Atmospheric Pressure: 1020 mbar



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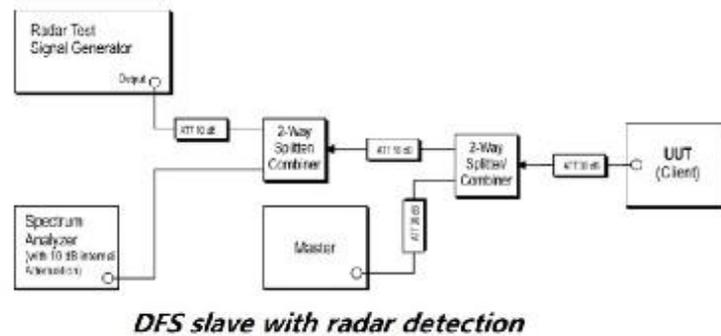
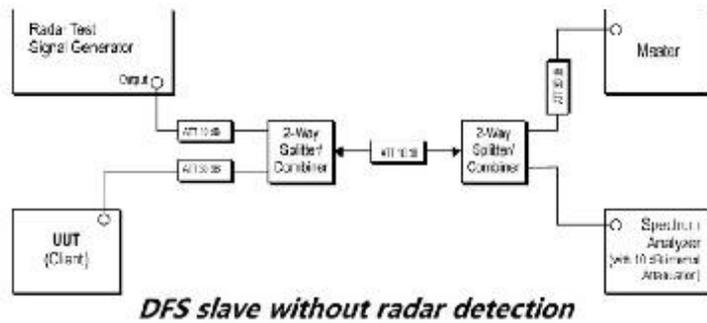
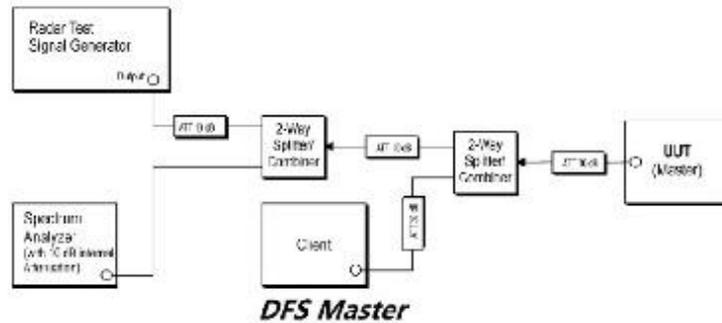
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7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	10	Normal operating_Keep the EUT communication with the companion device.

7.6.3 Test Setup Diagram



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7.6.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details



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7.7 Duty Cycle

Test Requirement ANSI C63.10 (2013) Section 12.2
 Test Method: ANSI C63.10 (2013) Section 12.2

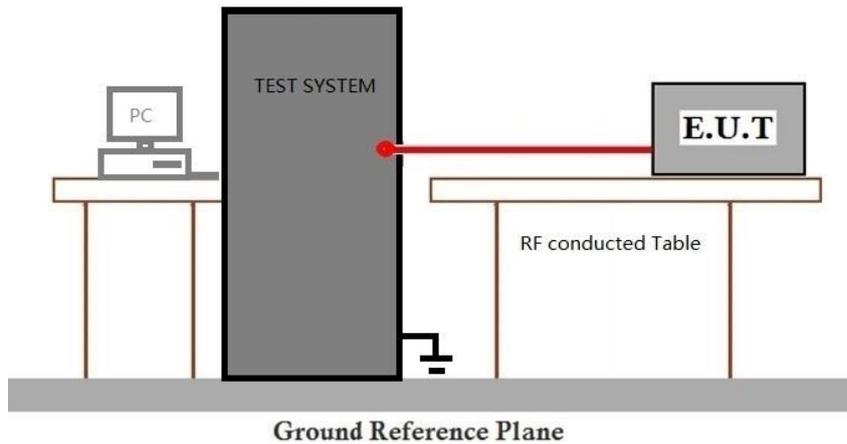
7.7.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.2 °C Humidity: 40.0 % RH Atmospheric Pressure: 1020 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax (20/40/80/160M), Only the data of worst case is recorded in the report.

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

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7.8 99% Bandwidth

Test Requirement ANSI C63.10 (2013) Section 12.4.2
 Test Method: ANSI C63.10 (2013) Section 12.4.2

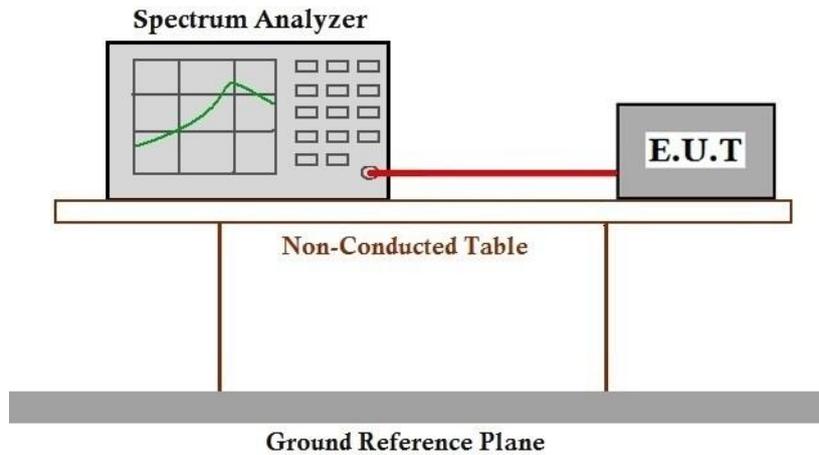
7.8.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.2 °C Humidity: 40.0 % RH Atmospheric Pressure: 1020 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax (20/40/80/160M), Only the data of worst case is recorded in the report.

7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

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7.9 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
 Test Method: ANSI C63.10 (2013) Section 12.4.1

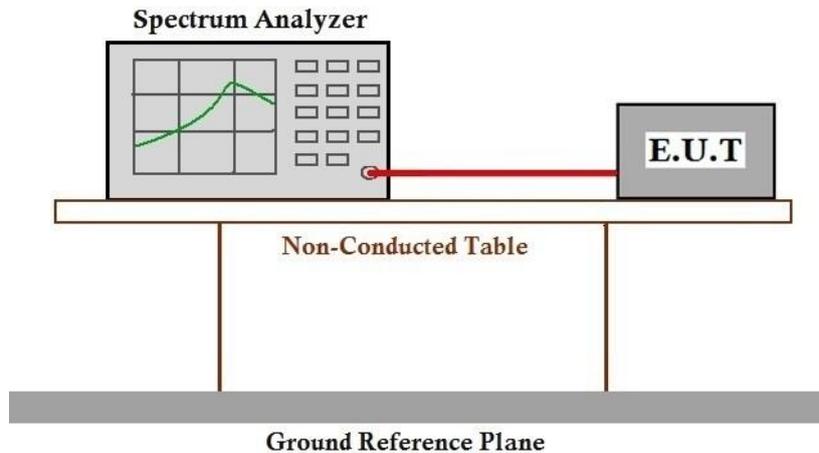
7.9.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.2 °C Humidity: 40.0 % RH Atmospheric Pressure: 1020 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax (20/40/80/160M), Only the data of worst case is recorded in the report.

7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

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7.10 Minimum 6 dB bandwidth (5.725-5.85 GHz band)

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)

Test Method: ANSI C63.10 (2013) Section 6.9.2

Limit:

Frequency band(MHz)	Limit
5725-5850	≥500 kHz

7.10.1 E.U.T. Operation

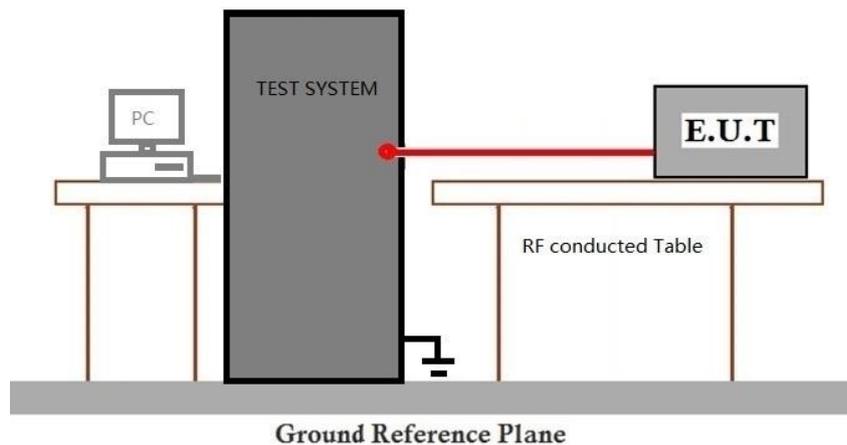
Operating Environment:

Temperature: 22.2 °C Humidity: 40.0 % RH Atmospheric Pressure: 1020 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	12	

7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

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7.11 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10 (2013) Section 12.5

Limit:

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C Humidity: 40.0 % RH Atmospheric Pressure: 1020 mbar

7.11.2 Test Mode Description

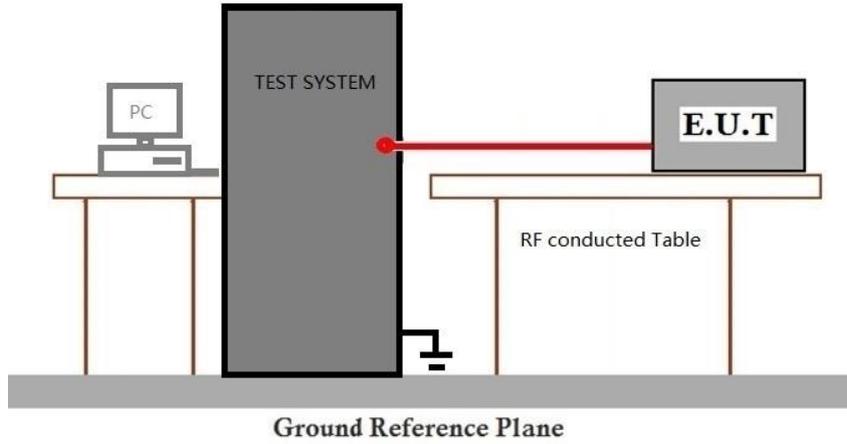
Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax (20/40/80/160M), Only the data of worst case is recorded in the report.



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7.11.3 Test Setup Diagram



7.11.4 Measurement Procedure and Data

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7.12 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)
 Test Method: ANSI C63.10 (2013) Section 6.8

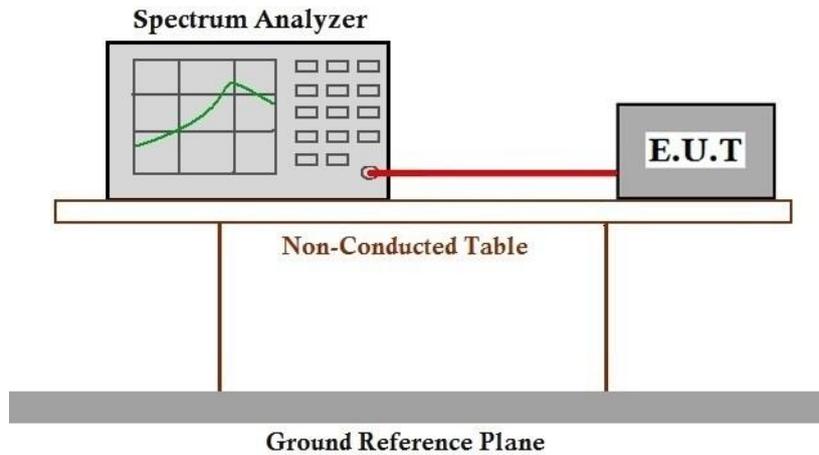
7.12.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.2 °C Humidity: 40.0 % RH Atmospheric Pressure: 1020 mbar

7.12.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax (20/40/80/160M), Only the data of worst case is recorded in the report.

7.12.3 Test Setup Diagram



7.12.4 Measurement Procedure and Data

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7.13 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1
 Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

7.13.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C Humidity: 40.0 % RH Atmospheric Pressure: 1020 mbar

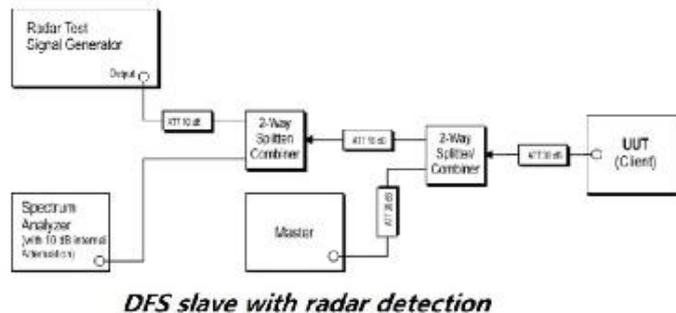
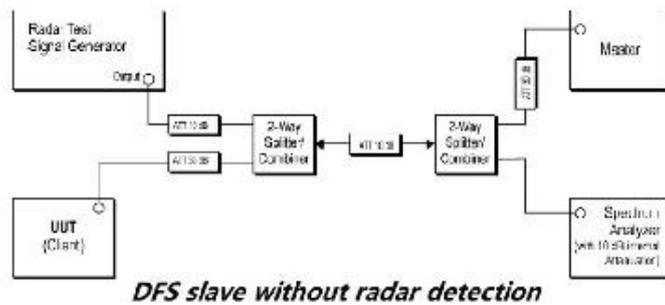
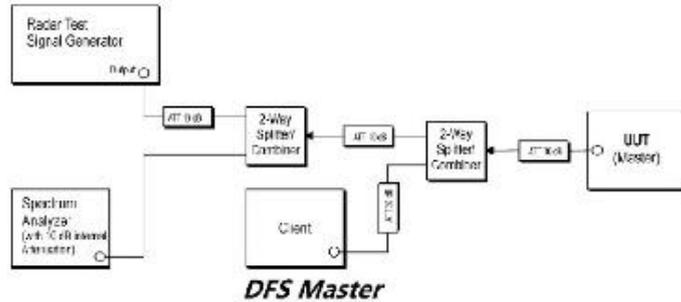


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7.13.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	10	Normal operating_Keep the EUT communication with the companion device.

7.13.3 Test Setup Diagram



7.13.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

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8 Test Setup Photo

Please refer to SZCR2504001554 Appendix_Setup Photo

9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SZCR2504001554WM



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10 Appendix

1. Duty Cycle

1.1 Test Result

1.1.1 Ant17

Ant17									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	MIMO	5180	/	/	1.392	1.489	93.49	0.29	0.00
		5200	/	/	1.392	1.489	93.49	0.29	0.04
		5240	/	/	1.393	1.489	93.55	0.29	0.03
		5260	/	/	1.393	1.489	93.55	0.29	0.03
		5300	/	/	1.392	1.489	93.49	0.29	0.03
		5320	/	/	1.392	1.489	93.49	0.29	0.03
		5500	/	/	1.393	1.489	93.55	0.29	0.00
		5580	/	/	1.392	1.488	93.55	0.29	0.03
		5700	/	/	1.392	1.489	93.49	0.29	0.06
		5745	/	/	1.392	1.489	93.49	0.29	0.00
		5785	/	/	1.393	1.489	93.55	0.29	0.07
		5825	/	/	1.393	1.489	93.55	0.29	0.03
5720	/	/	1.392	1.489	93.49	0.29	0.03		
802.11n (HT20)	MIMO	5180	/	/	1.300	1.397	93.06	0.31	0.06
		5200	/	/	1.300	1.397	93.06	0.31	0.00
		5240	/	/	1.301	1.397	93.13	0.31	0.03
		5260	/	/	1.300	1.397	93.06	0.31	0.06
		5300	/	/	1.300	1.396	93.12	0.31	0.03
		5320	/	/	1.300	1.397	93.06	0.31	0.00
		5500	/	/	1.300	1.397	93.06	0.31	0.00
		5580	/	/	1.301	1.398	93.06	0.31	0.06
		5700	/	/	1.301	1.398	93.06	0.31	0.06
		5745	/	/	1.300	1.397	93.06	0.31	0.06
		5785	/	/	1.301	1.397	93.13	0.31	0.03
		5825	/	/	1.300	1.397	93.06	0.31	0.03
5720	/	/	1.300	1.397	93.06	0.31	0.03		
802.11n	MIMO	5190	/	/	0.644	0.741	86.91	0.61	0.03



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(HT40)		5230	/	/	0.645	0.742	86.93	0.61	0.06
		5270	/	/	0.644	0.740	87.03	0.60	0.03
		5310	/	/	0.644	0.741	86.91	0.61	0.06
		5510	/	/	0.645	0.742	86.93	0.61	0.05
		5550	/	/	0.645	0.741	87.04	0.60	0.06
		5670	/	/	0.645	0.741	87.04	0.60	0.03
		5755	/	/	0.644	0.741	86.91	0.61	0.04
		5795	/	/	0.644	0.741	86.91	0.61	0.06
		5710	/	/	0.644	0.741	86.91	0.61	0.06
802.11ac (VHT20)	MIMO	5180	/	/	1.308	1.404	93.16	0.31	0.00
		5200	/	/	1.308	1.404	93.16	0.31	0.00
		5240	/	/	1.308	1.405	93.10	0.31	0.07
		5260	/	/	1.308	1.405	93.10	0.31	0.03
		5300	/	/	1.309	1.405	93.17	0.31	0.03
		5320	/	/	1.308	1.405	93.10	0.31	0.03
		5500	/	/	1.308	1.404	93.16	0.31	0.03
		5580	/	/	1.309	1.406	93.10	0.31	0.06
		5700	/	/	1.309	1.406	93.10	0.31	0.06
		5745	/	/	1.308	1.405	93.10	0.31	0.03
		5785	/	/	1.308	1.405	93.10	0.31	0.03
		5825	/	/	1.308	1.405	93.10	0.31	0.03
		5720	/	/	1.309	1.405	93.17	0.31	0.03
802.11ac (VHT40)	MIMO	5190	/	/	0.652	0.750	86.93	0.61	0.10
		5230	/	/	0.653	0.750	87.07	0.60	0.04
		5270	/	/	0.653	0.749	87.18	0.60	0.04
		5310	/	/	0.653	0.749	87.18	0.60	0.04
		5510	/	/	0.653	0.749	87.18	0.60	0.04
		5550	/	/	0.653	0.749	87.18	0.60	0.00
		5670	/	/	0.652	0.749	87.05	0.60	0.10
		5755	/	/	0.653	0.749	87.18	0.60	0.07
		5795	/	/	0.652	0.749	87.05	0.60	0.04
5710	/	/	0.652	0.749	87.05	0.60	0.07		
802.11ac (VHT80)	MIMO	5210	/	/	0.325	0.421	77.20	1.12	0.07
		5290	/	/	0.325	0.421	77.20	1.12	0.01
		5530	/	/	0.324	0.421	76.96	1.14	0.06
		5610	/	/	0.324	0.421	76.96	1.14	0.04
		5775	/	/	0.324	0.420	77.14	1.13	0.06
		5690	/	/	0.325	0.421	77.20	1.12	0.03
802.11ac (VHT160)	MIMO	5570	/	/	0.184	0.281	65.48	1.84	0.18
		5250	/	/	0.185	0.282	65.60	1.83	0.16



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802.11ax (HEW20)	MIMO	5180	RU242	Left	1.013	1.111	91.18	0.40	0.07
		5200	RU242	Left	1.015	1.111	91.36	0.39	0.03
		5240	RU242	Left	1.014	1.111	91.27	0.40	0.07
		5260	RU242	Left	1.014	1.111	91.27	0.40	0.04
		5300	RU242	Left	1.014	1.111	91.27	0.40	0.03
		5320	RU242	Left	1.014	1.111	91.27	0.40	0.07
		5500	RU242	Left	1.014	1.111	91.27	0.40	0.03
		5580	RU242	Left	1.014	1.111	91.27	0.40	0.06
		5700	RU242	Left	1.014	1.111	91.27	0.40	0.06
		5745	RU242	Left	1.014	1.111	91.27	0.40	0.03
		5785	RU242	Left	1.014	1.111	91.27	0.40	0.03
		5825	RU242	Left	1.014	1.111	91.27	0.40	0.03
802.11ax (HEW40)	MIMO	5190	RU484	Left	0.534	0.631	84.63	0.72	0.03
		5230	RU484	Left	0.534	0.632	84.49	0.73	0.08
		5270	RU484	Left	0.534	0.631	84.63	0.72	0.03
		5310	RU484	Left	0.534	0.631	84.63	0.72	0.03
		5510	RU484	Left	0.534	0.631	84.63	0.72	0.03
		5550	RU484	Left	0.534	0.631	84.63	0.72	0.03
		5670	RU484	Left	0.534	0.631	84.63	0.72	0.00
		5755	RU484	Left	0.534	0.631	84.63	0.72	0.03
		5795	RU484	Left	0.534	0.631	84.63	0.72	0.03
		5710	RU484	Left	0.534	0.631	84.63	0.72	0.00
802.11ax (HEW80)	MIMO	5210	RU996	Left	0.287	0.384	74.74	1.26	0.03
		5290	RU996	Left	0.288	0.384	75.00	1.25	0.03
		5530	RU996	Left	0.288	0.384	75.00	1.25	0.06
		5610	RU996	Left	0.287	0.384	74.74	1.26	0.06
		5775	RU996	Left	0.288	0.384	75.00	1.25	0.03
		5690	RU996	Left	0.288	0.384	75.00	1.25	0.07
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	0.171	0.268	63.81	1.95	0.15
		5250	2xRU996	Left	0.171	0.268	63.81	1.95	0.19

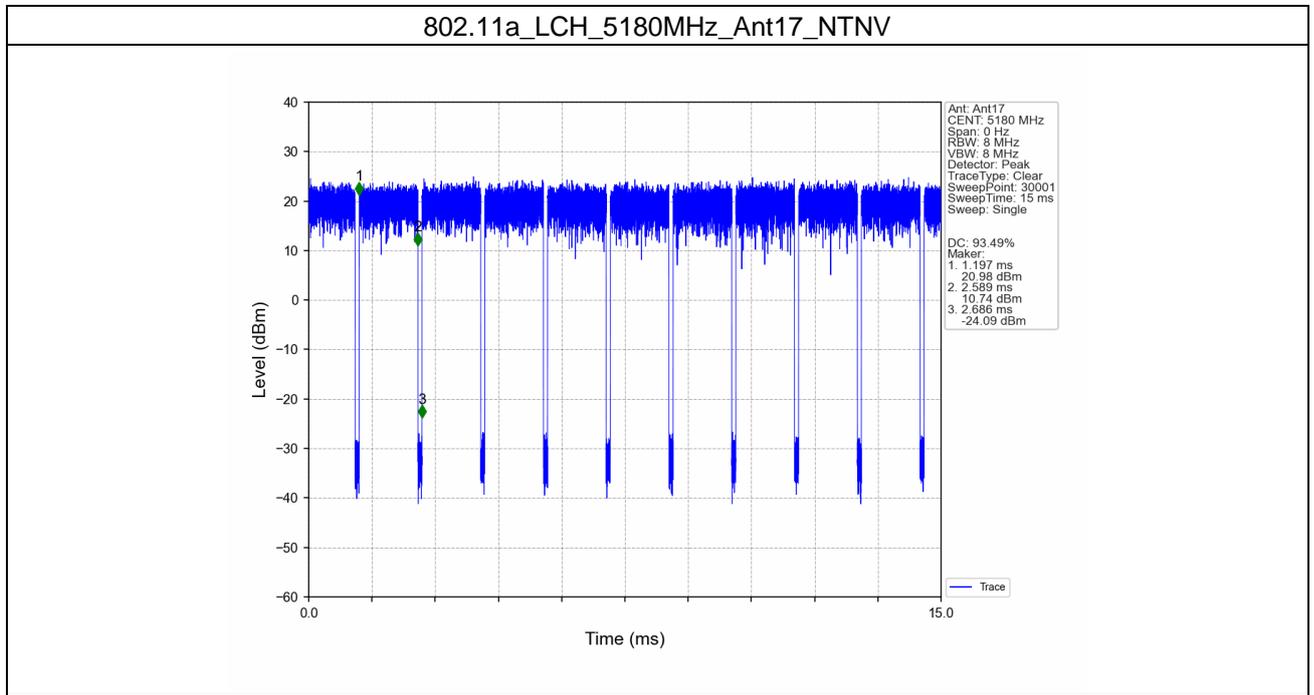


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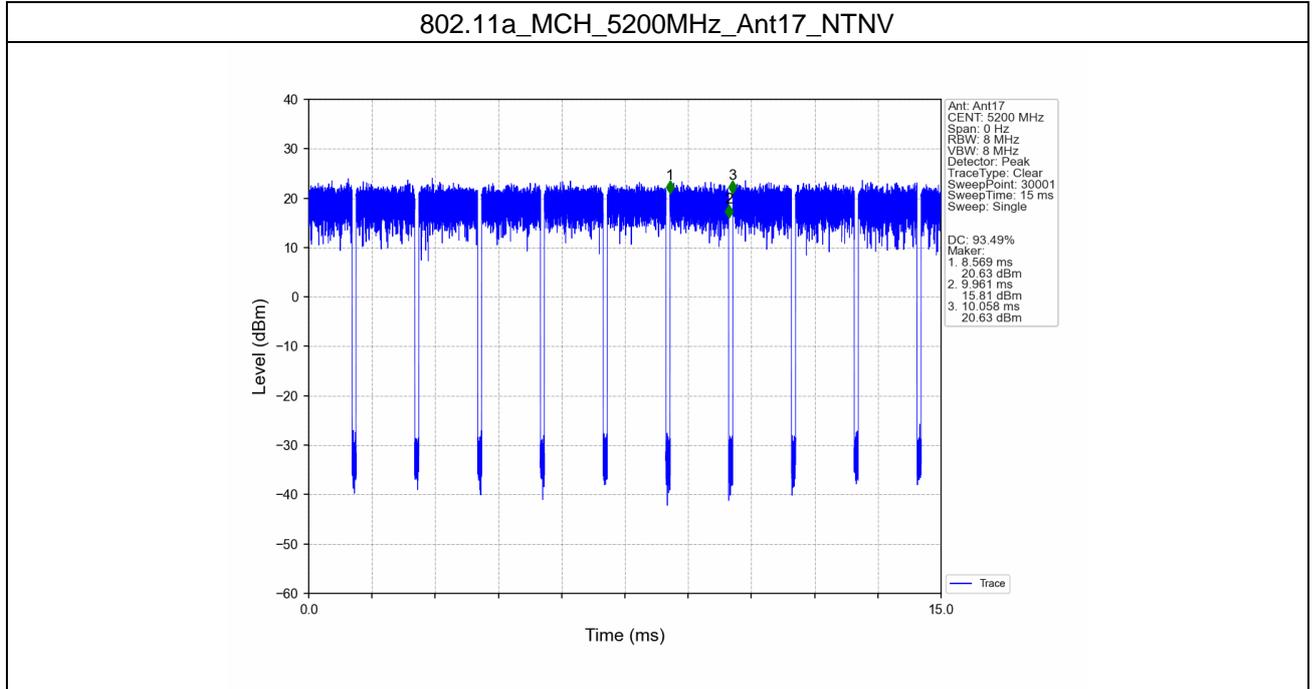
1.2 Test Graph

1.2.1 Ant17



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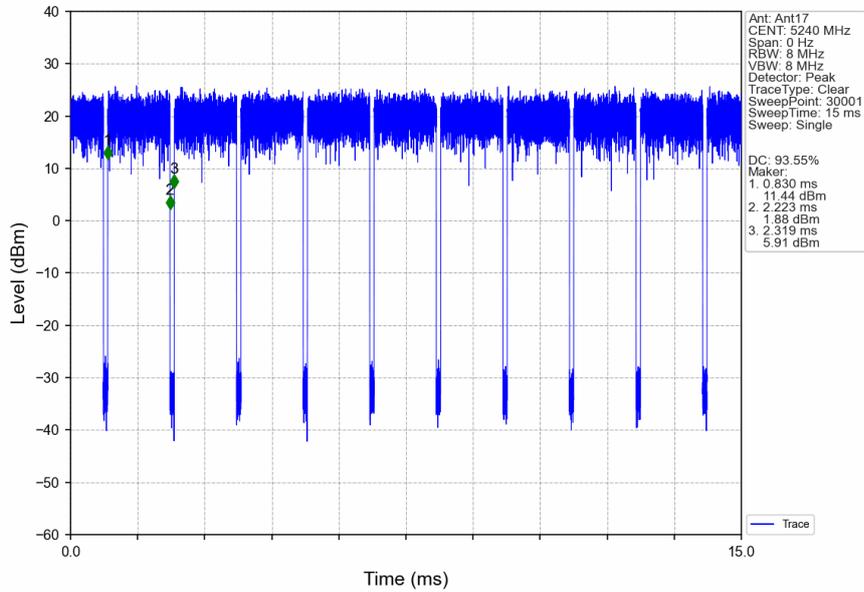
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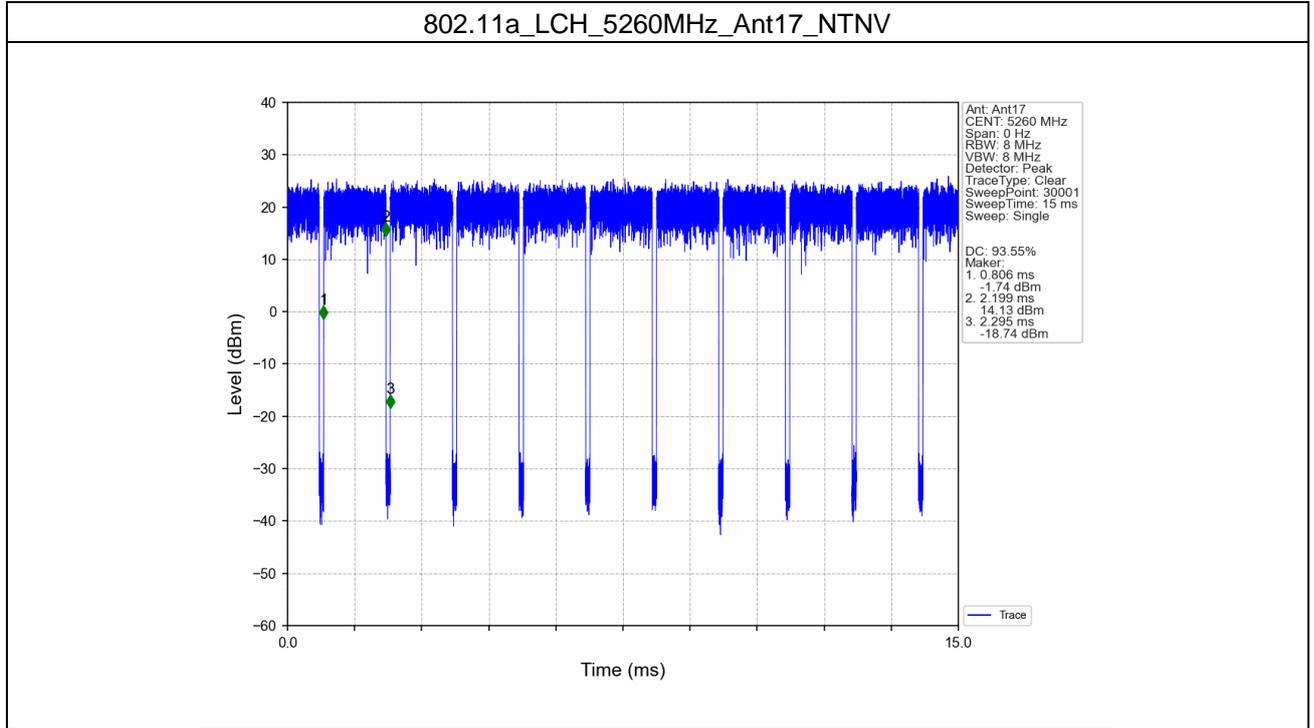
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802.11a_HCH_5240MHz_Ant17_NTNV

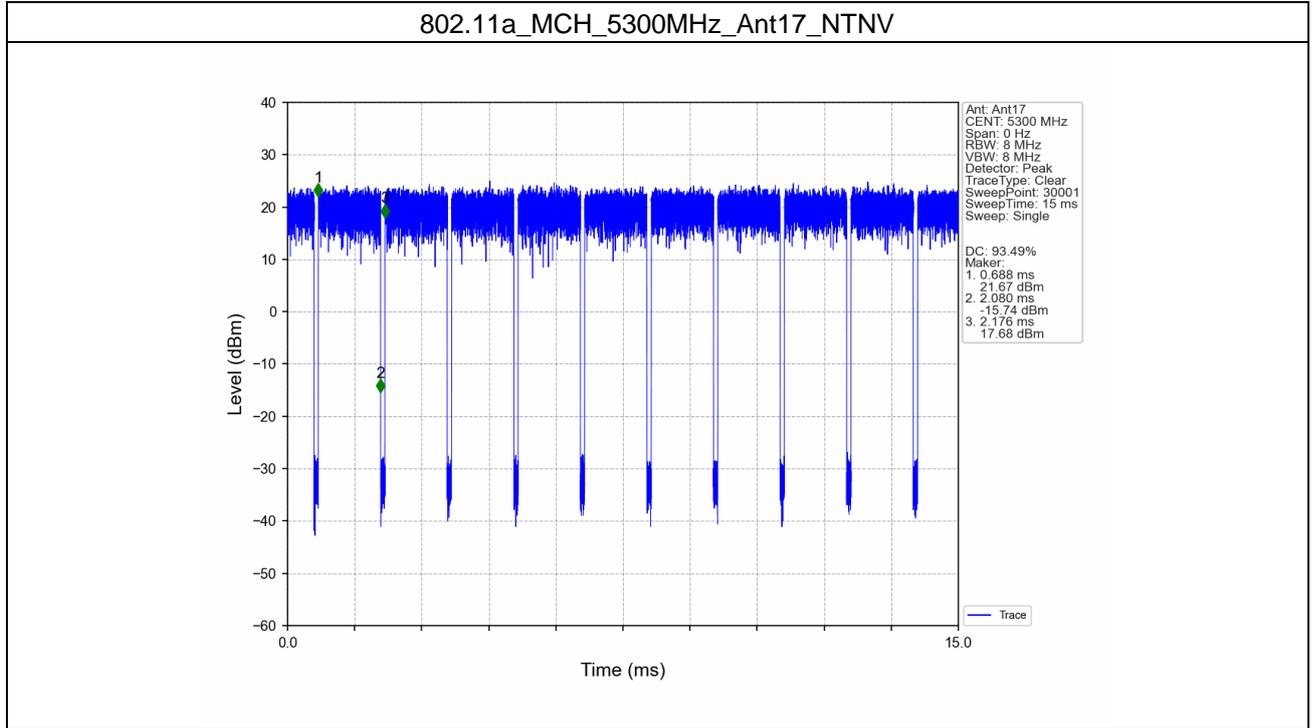


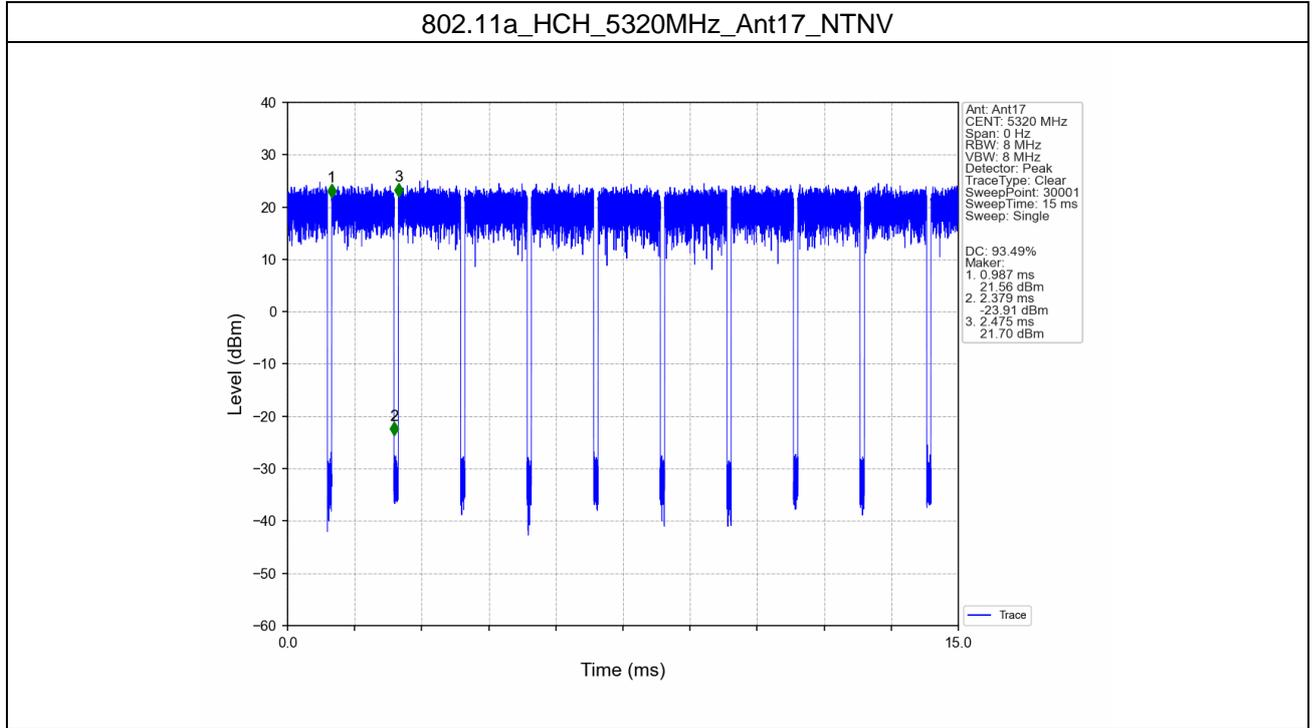
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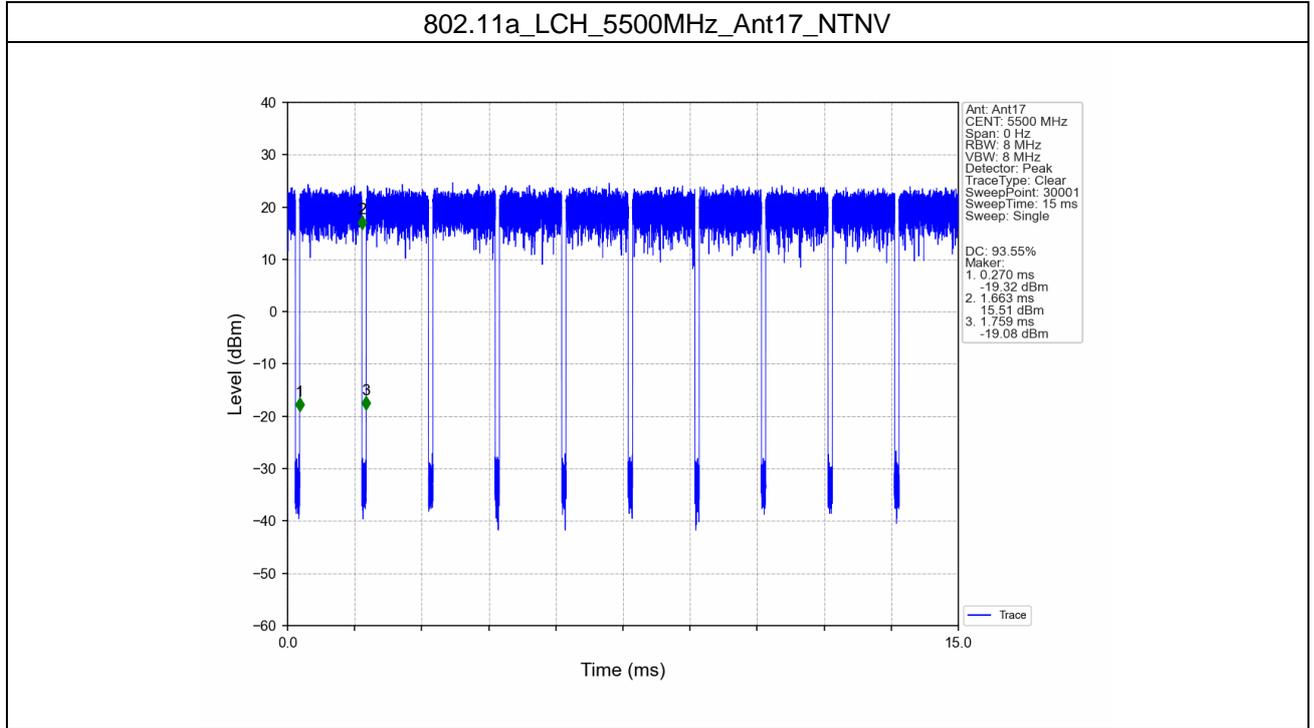


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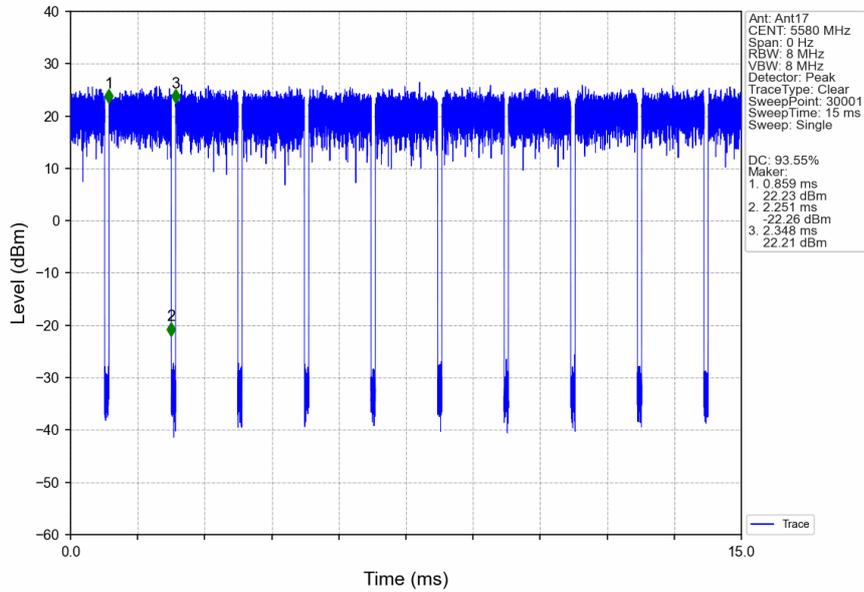
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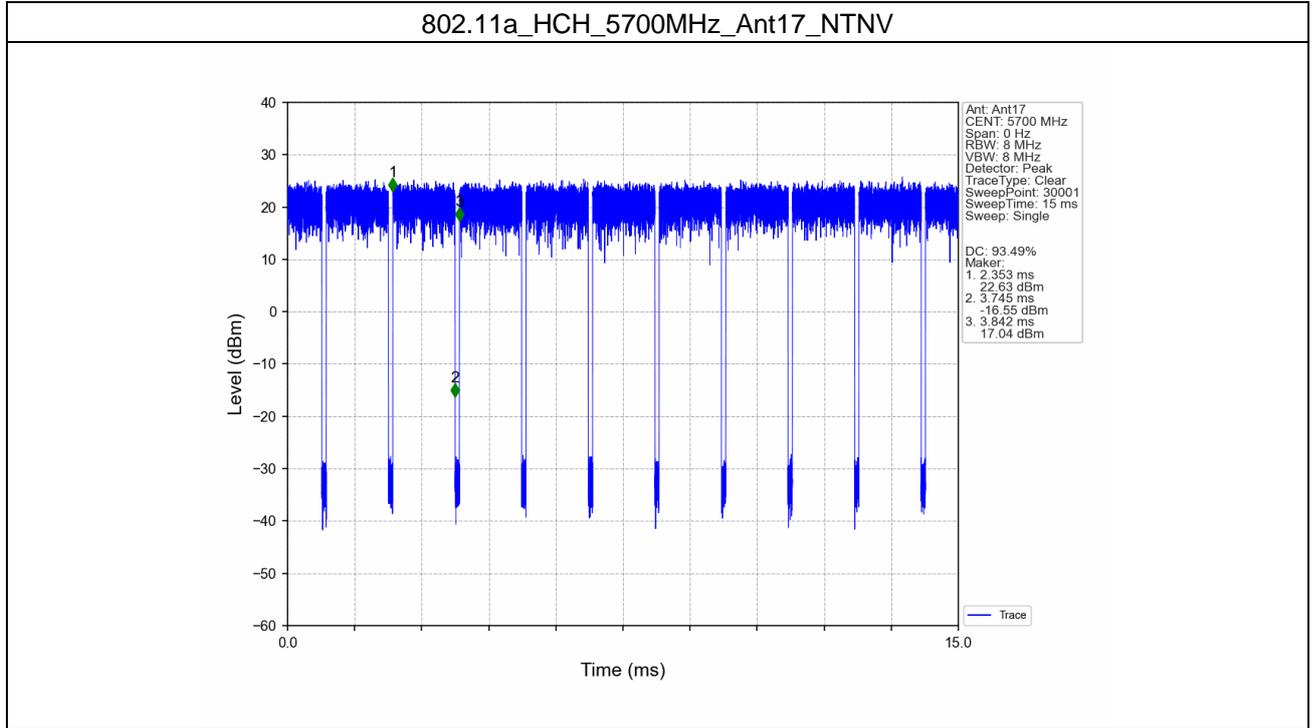


802.11a_MCH_5580MHz_Ant17_NTNV



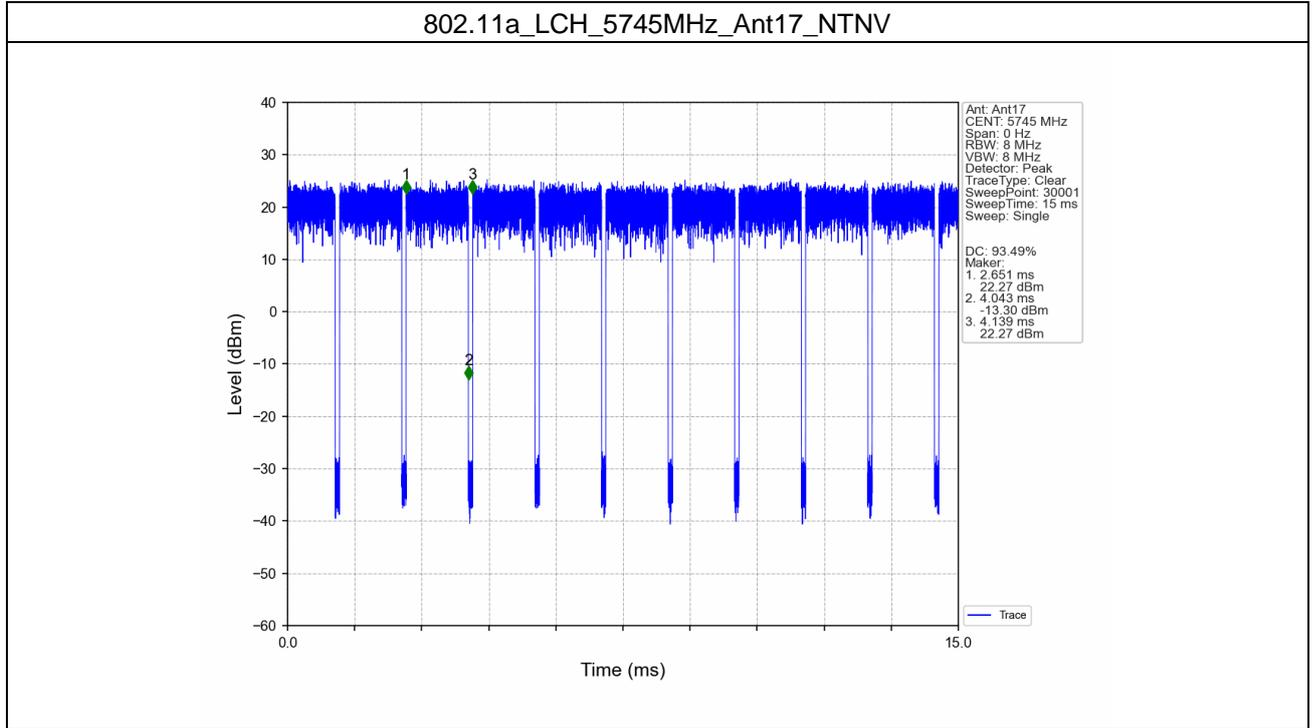
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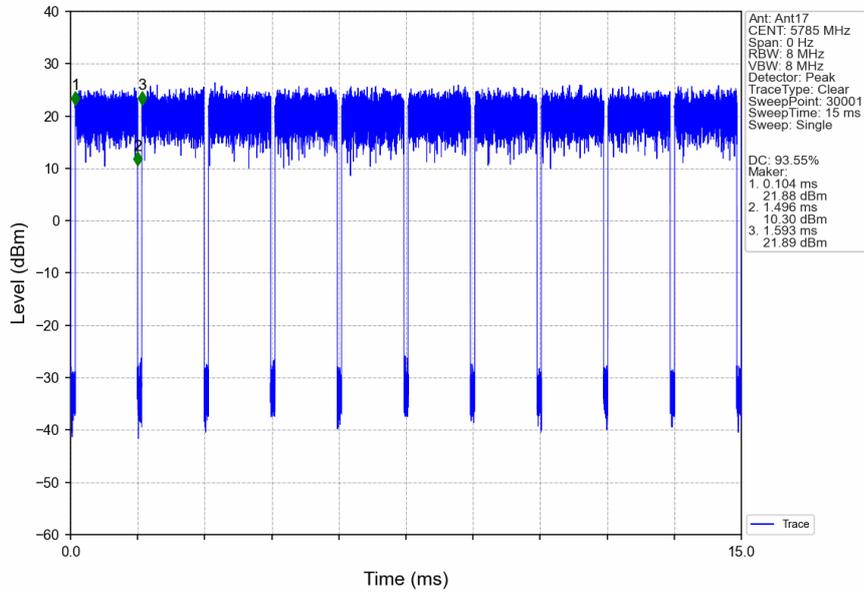


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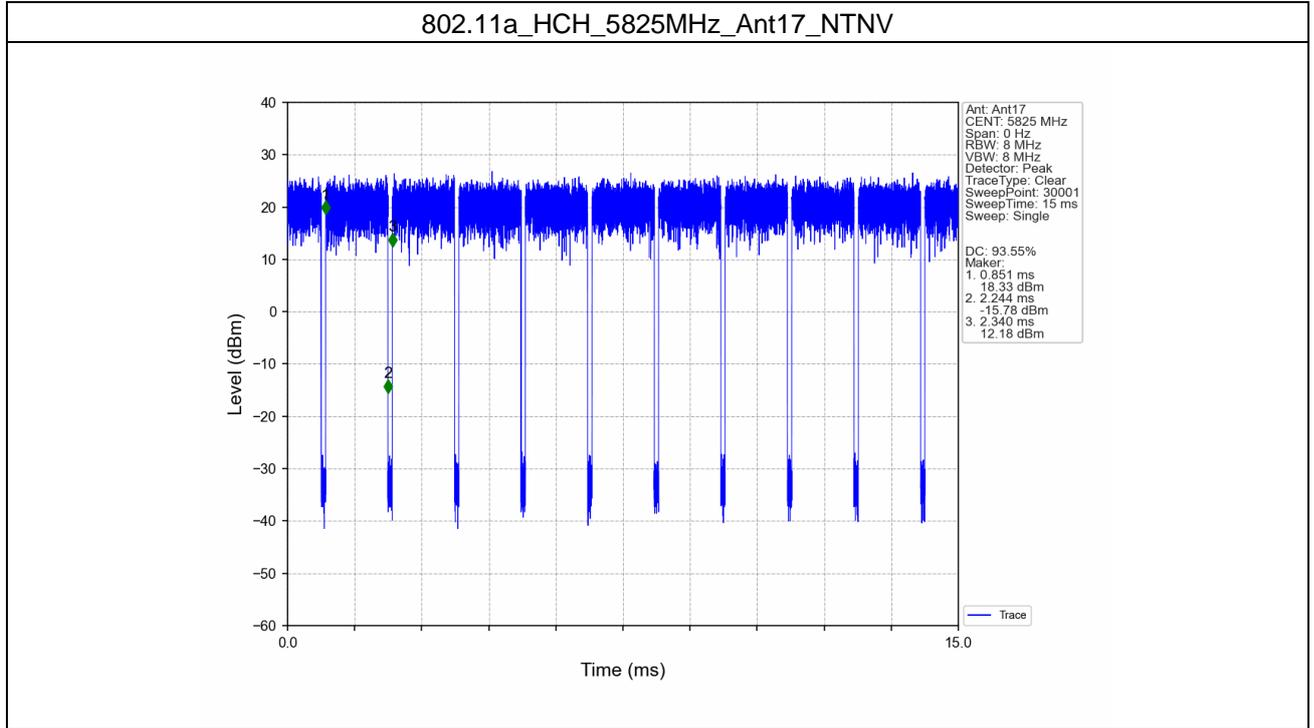
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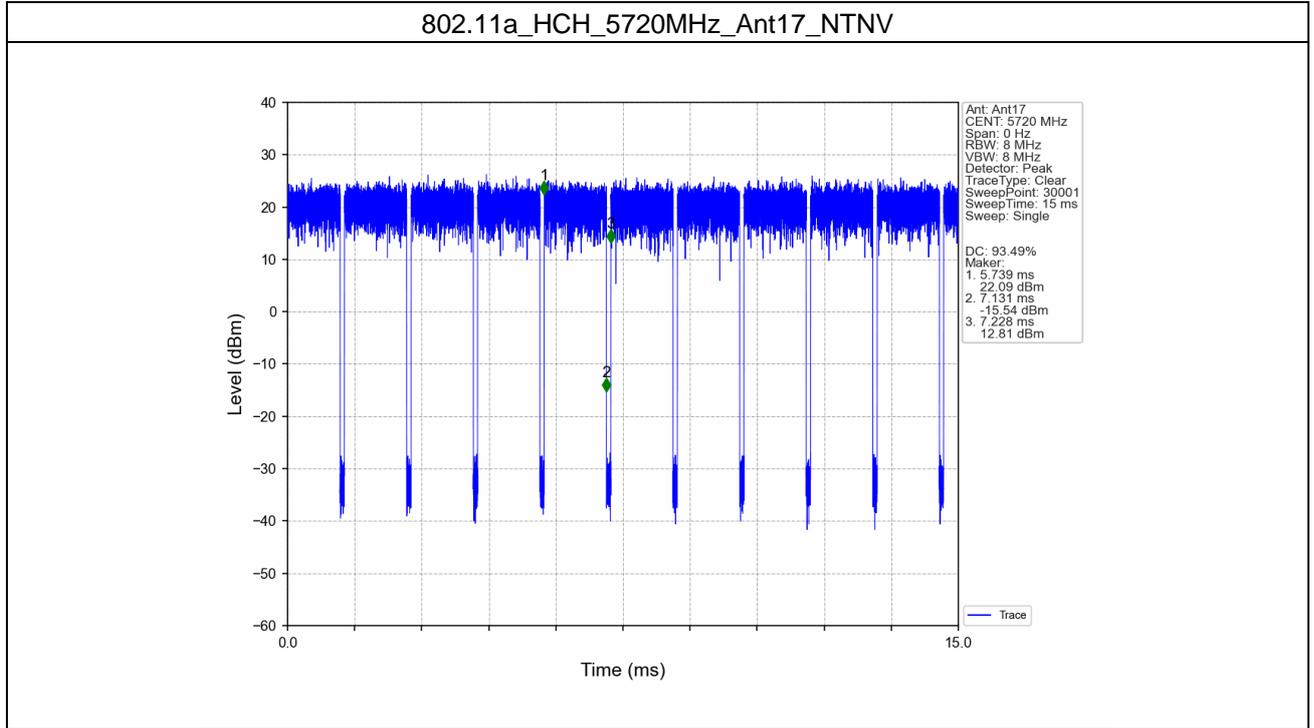


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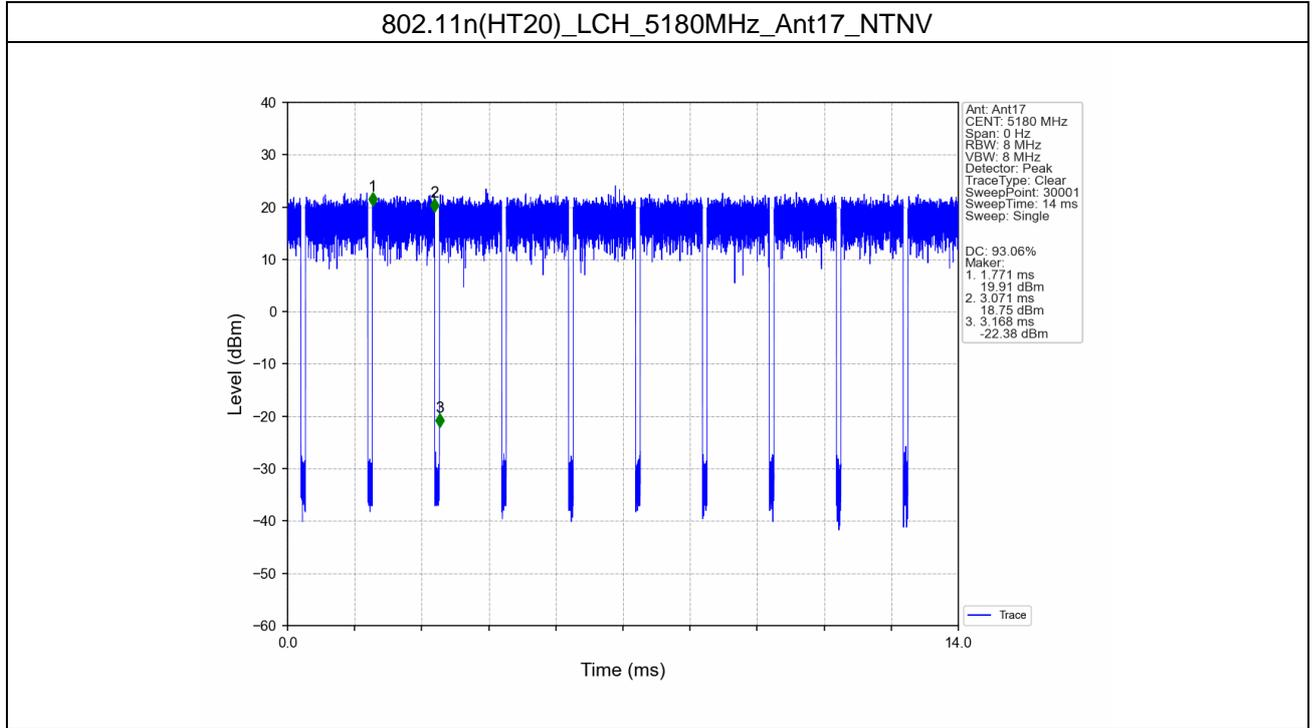
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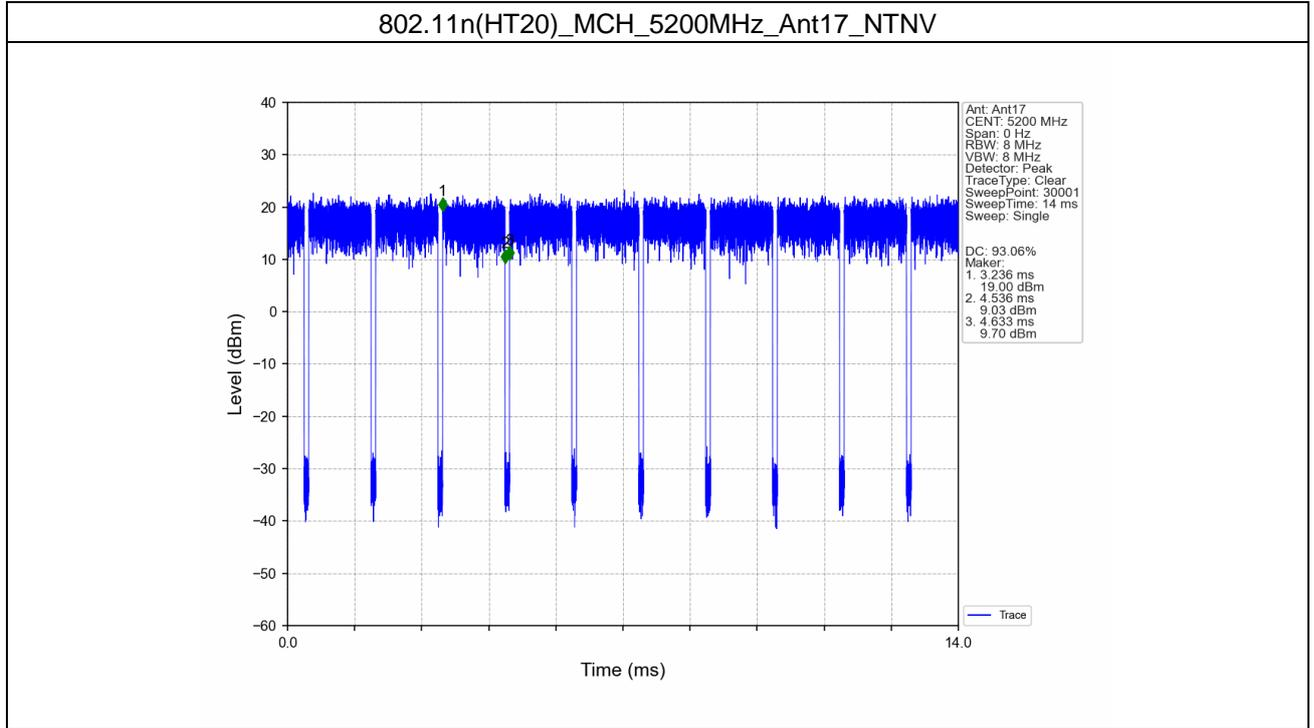


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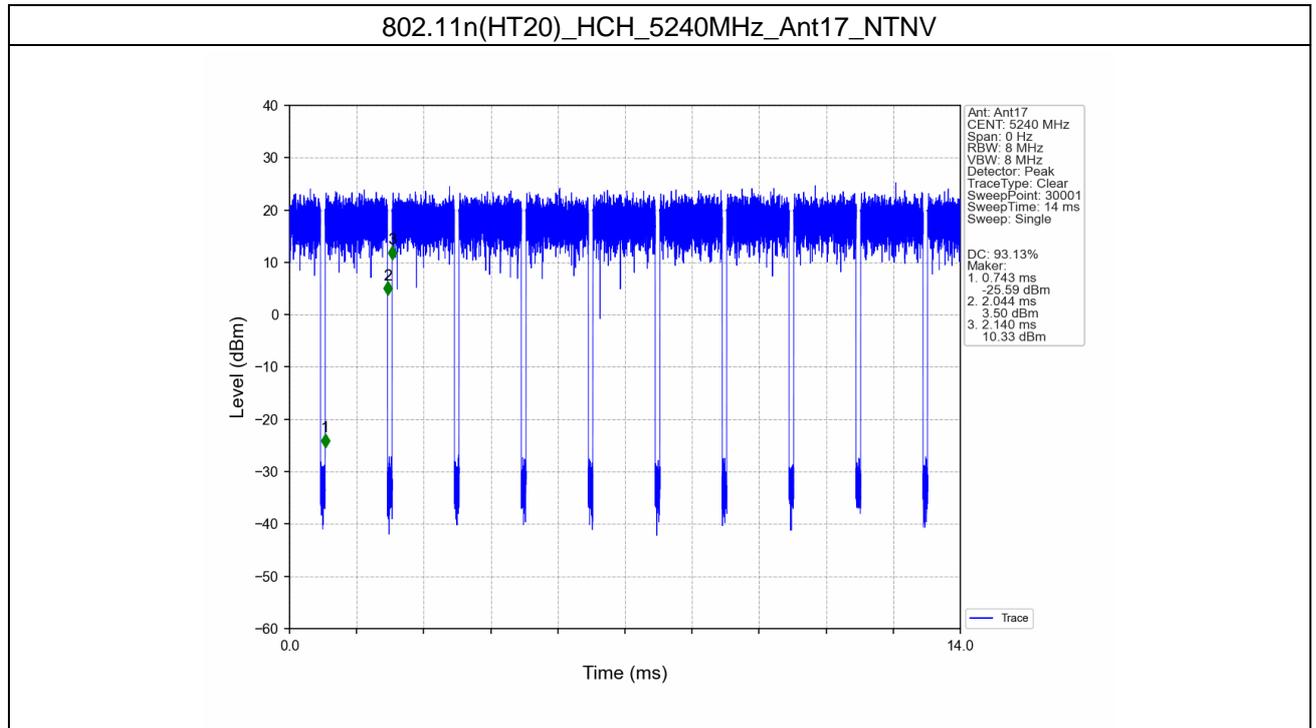
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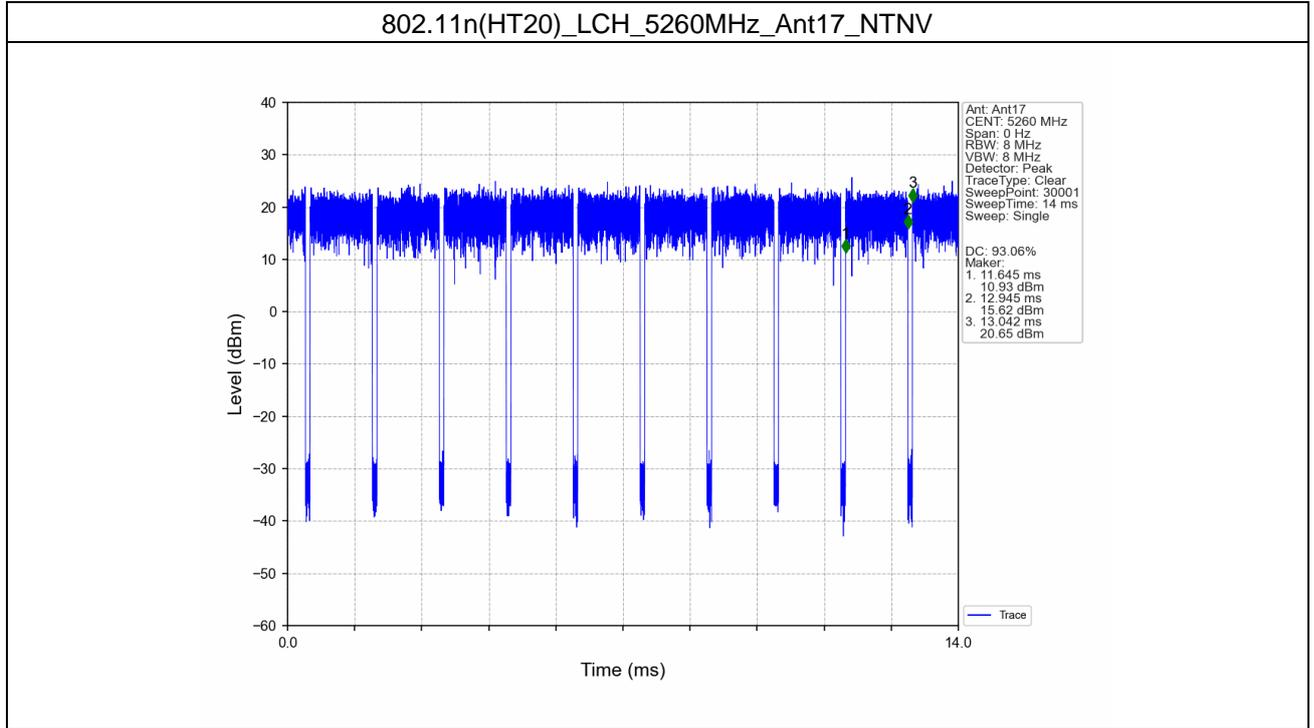


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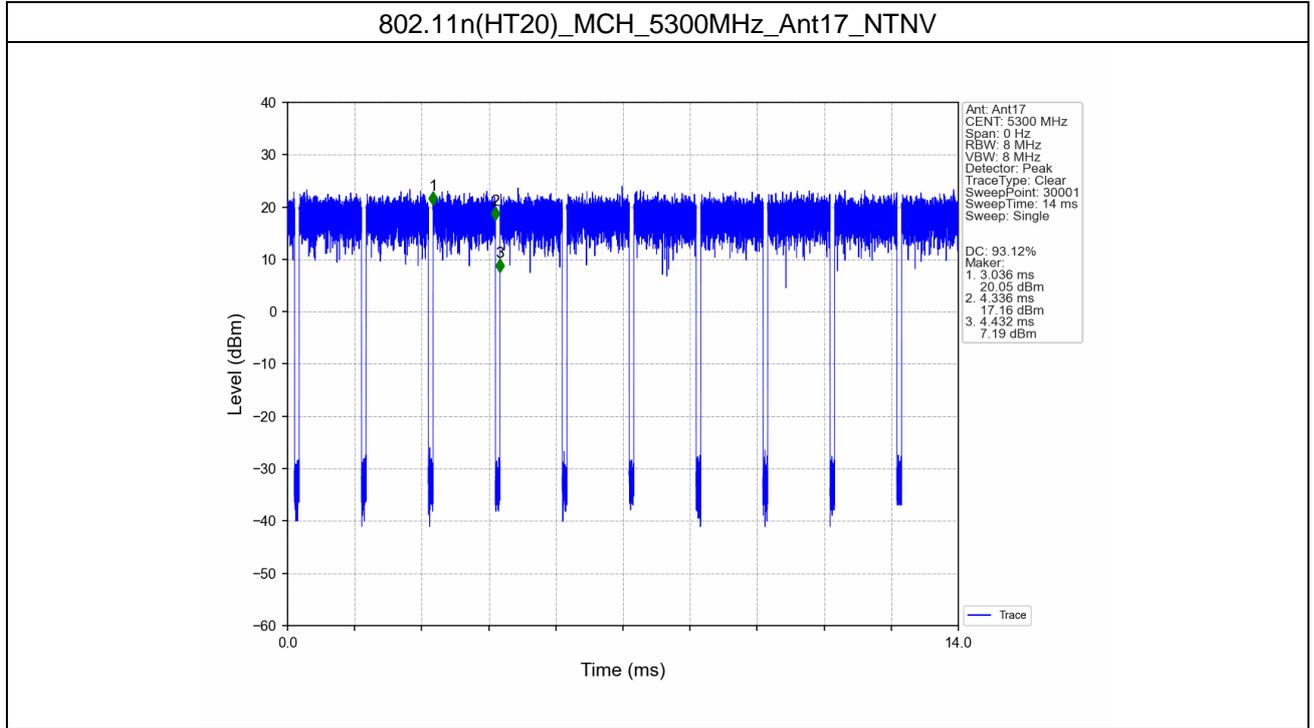


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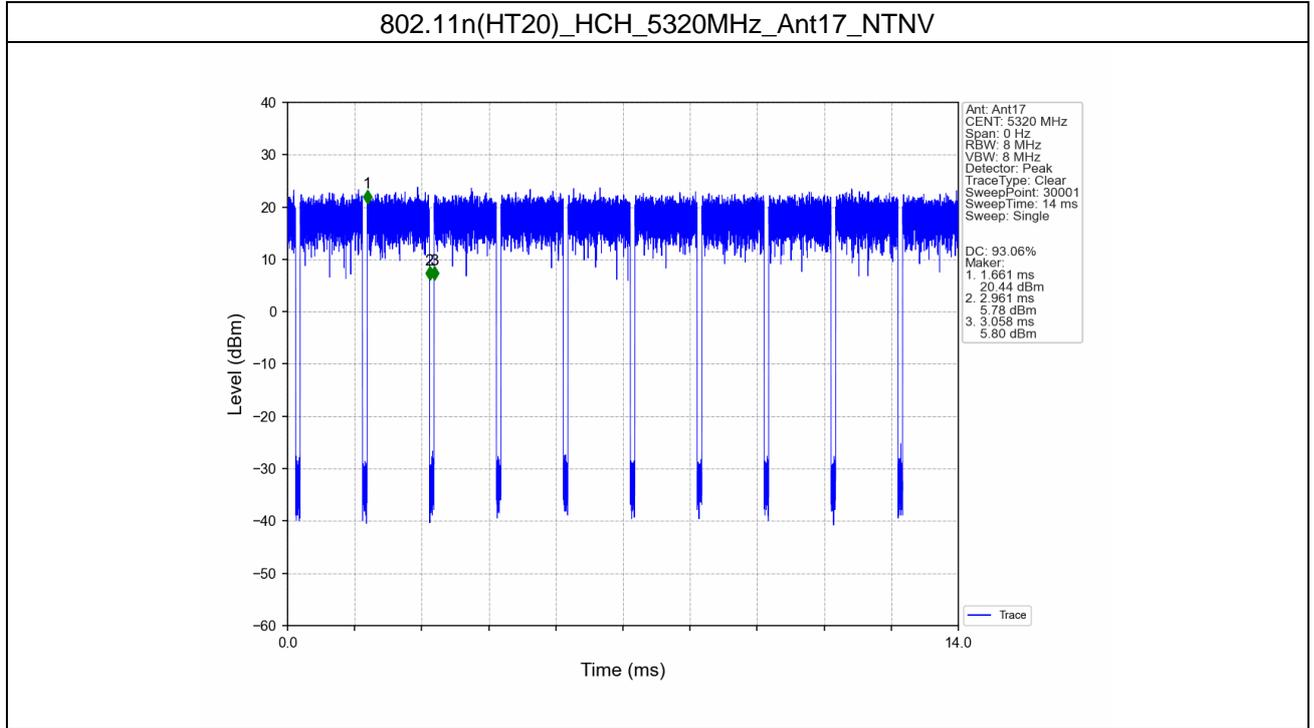
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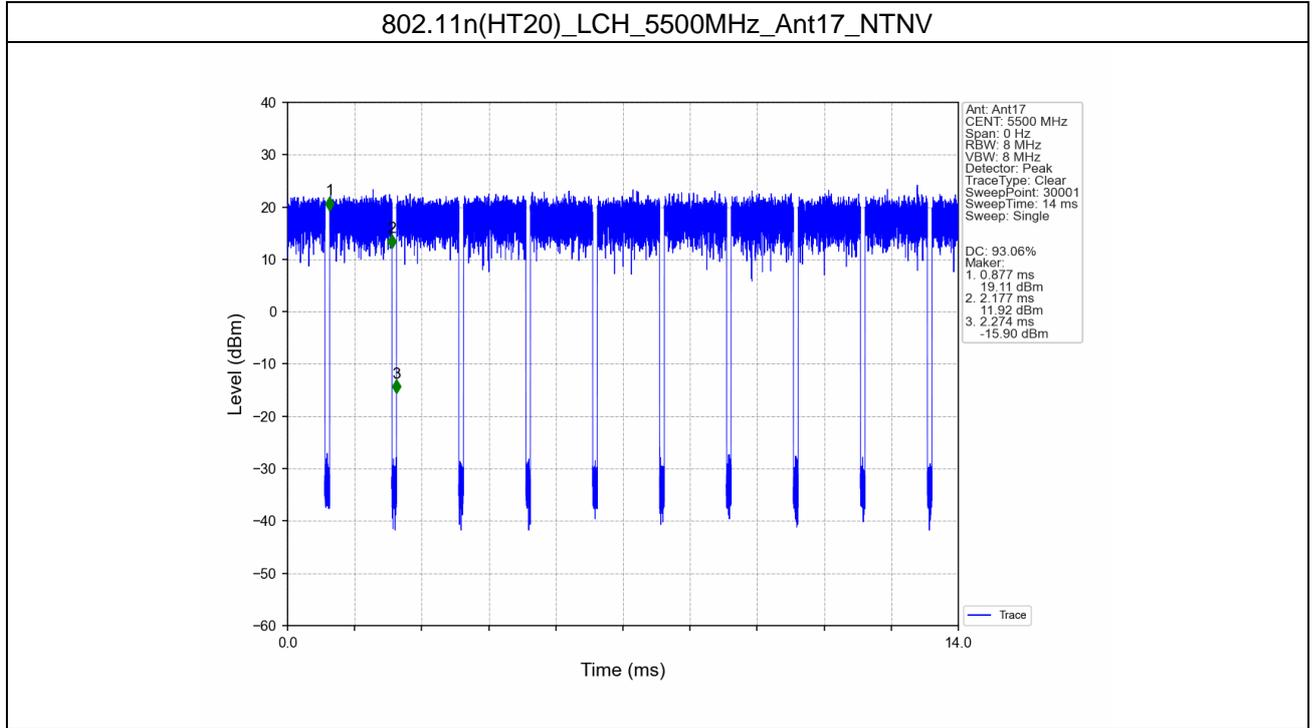
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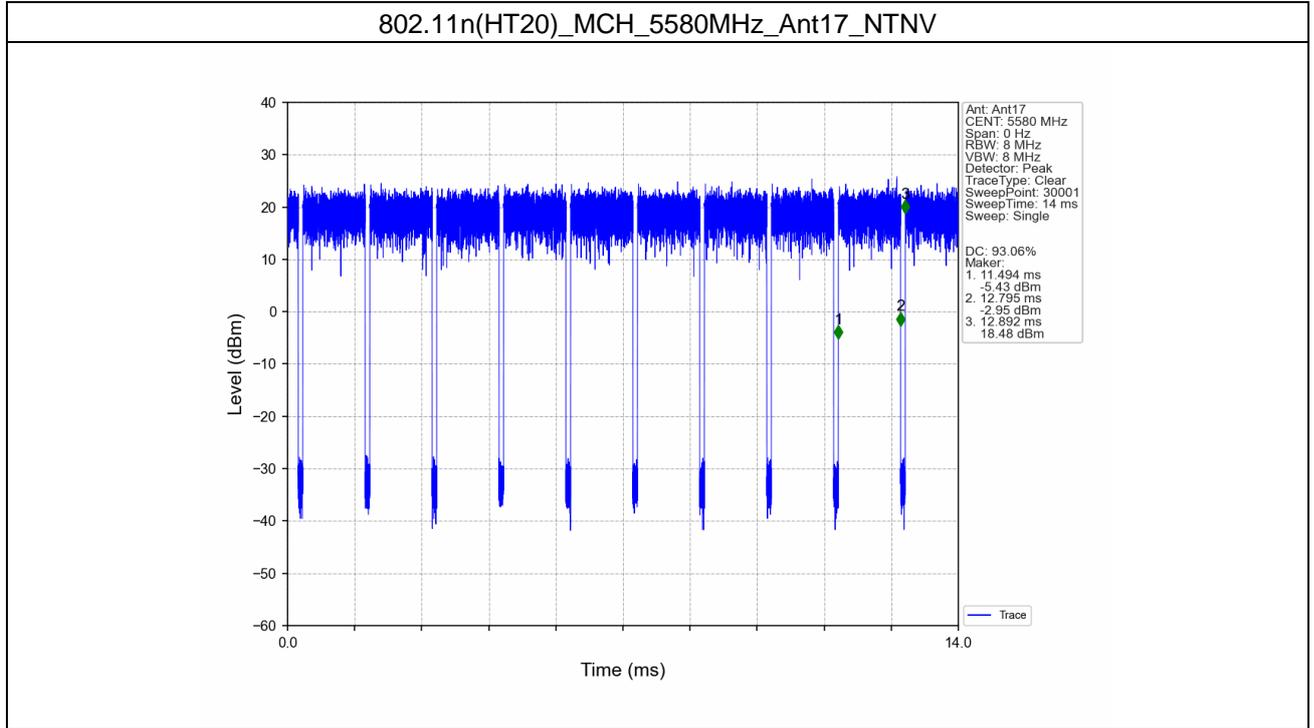
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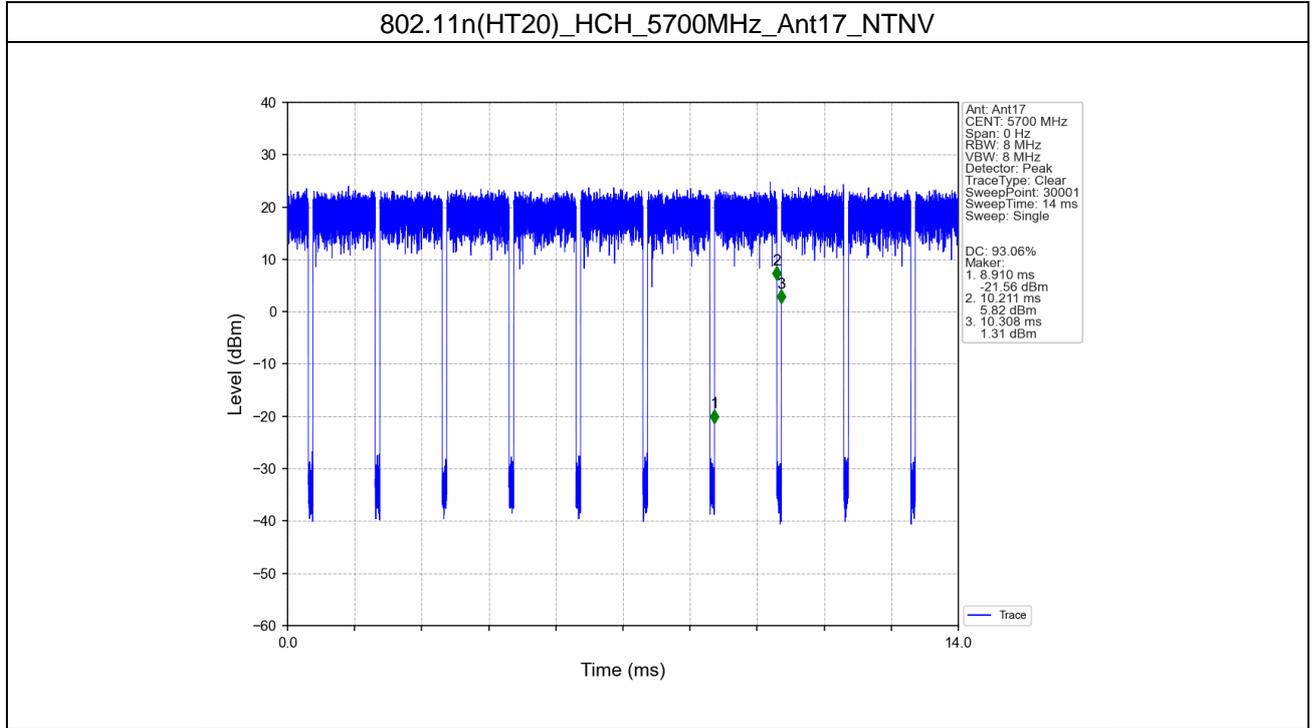


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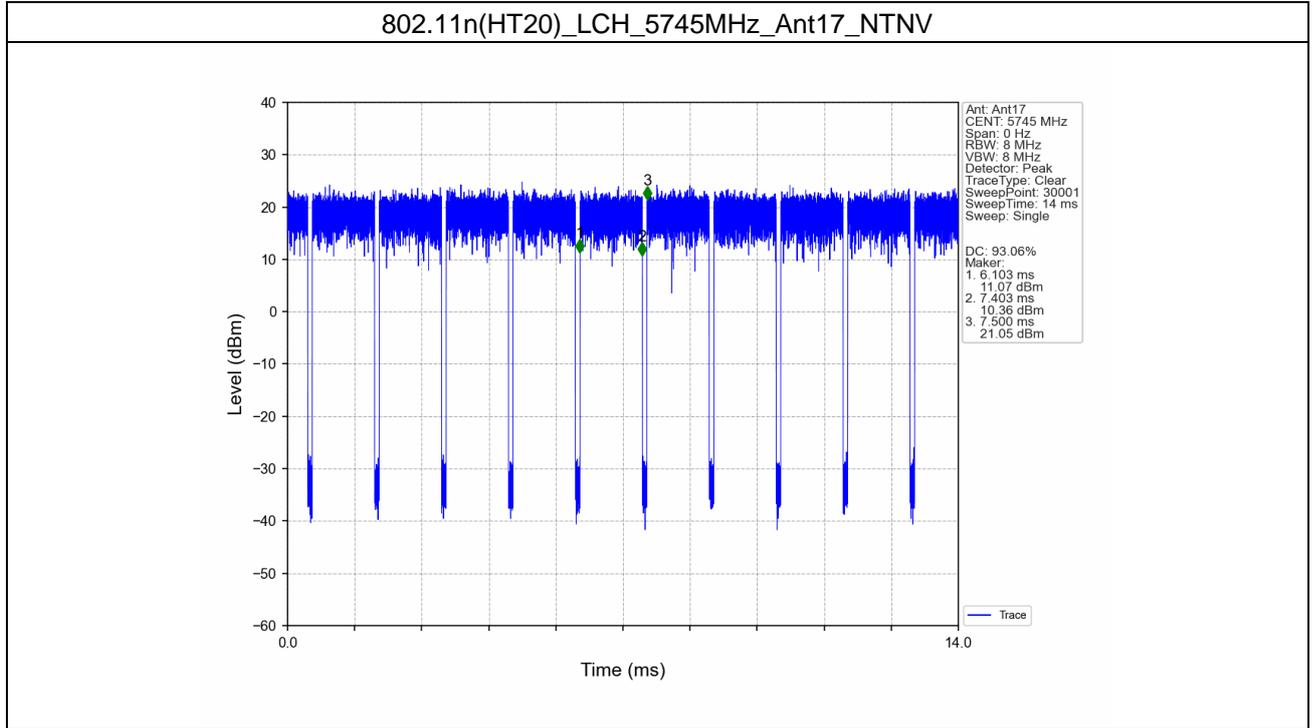


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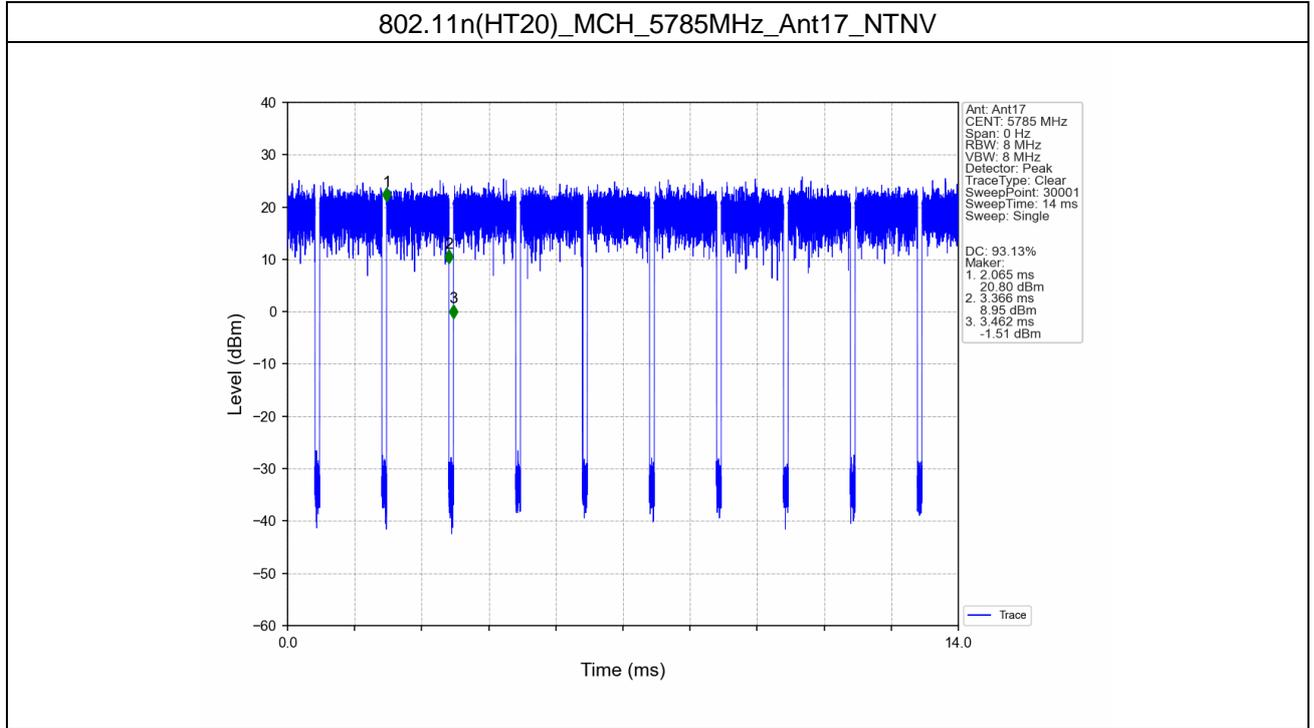


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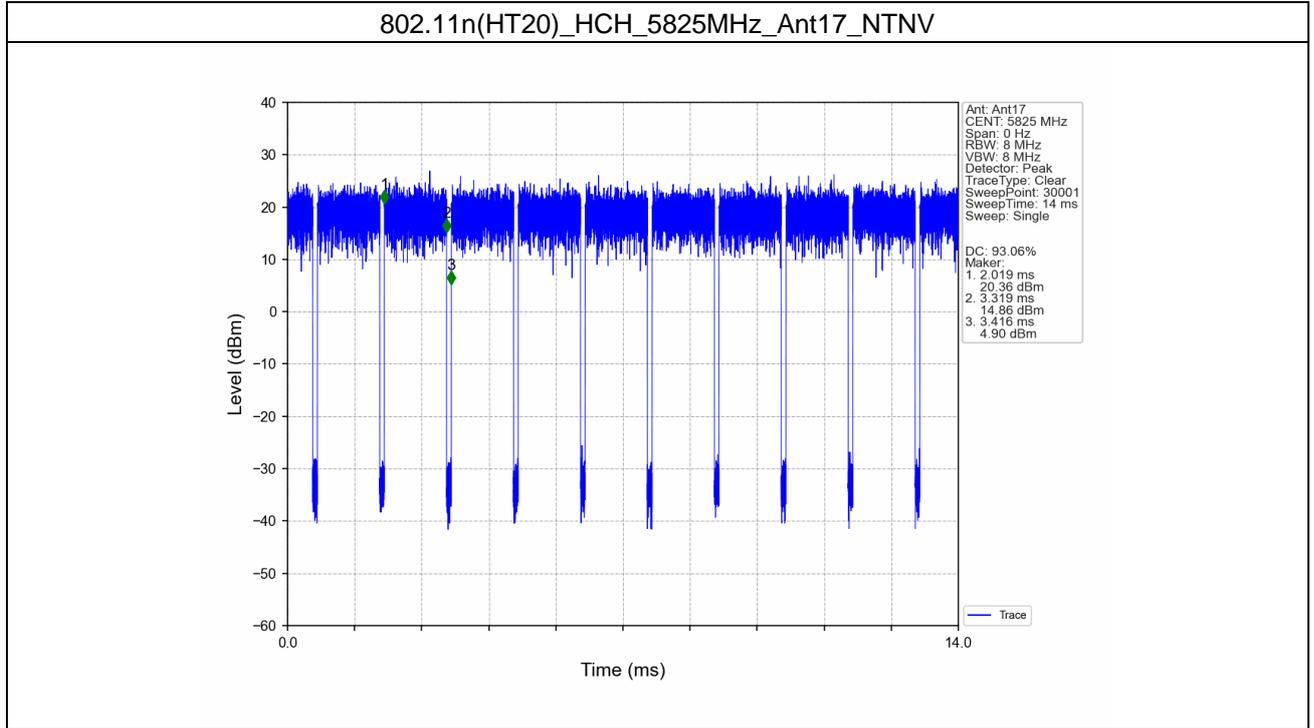


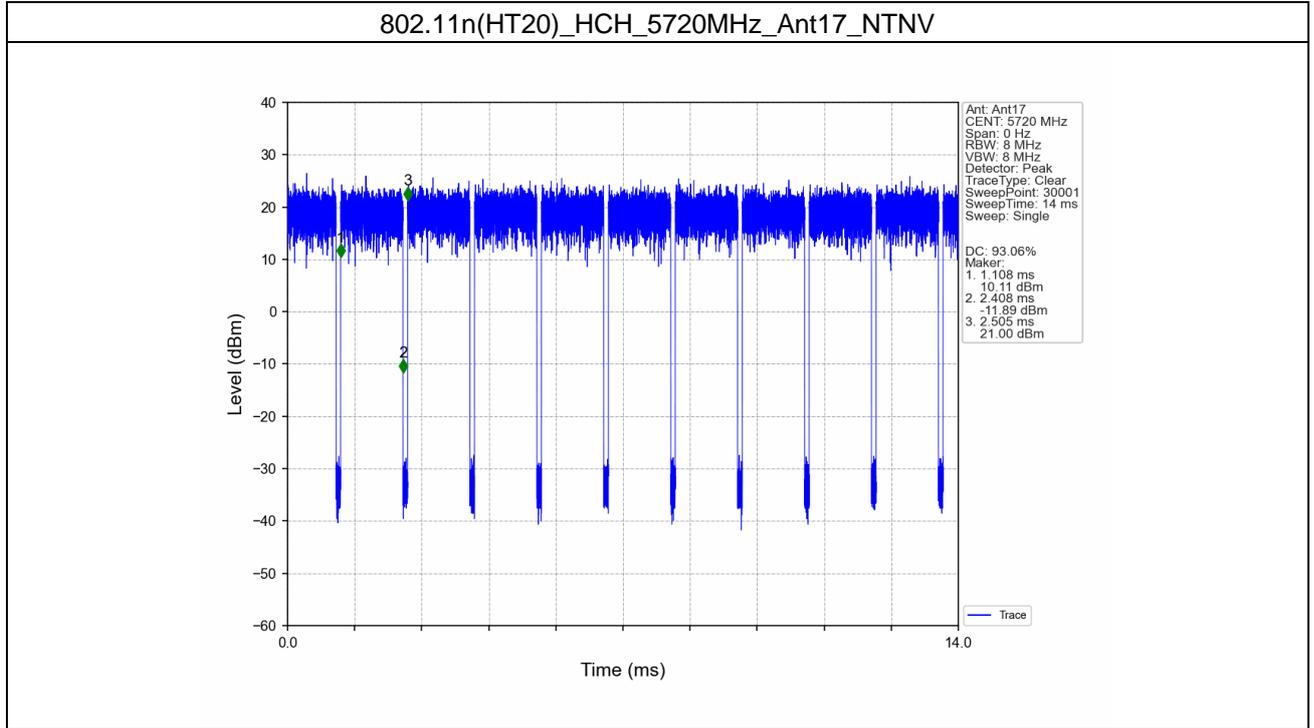
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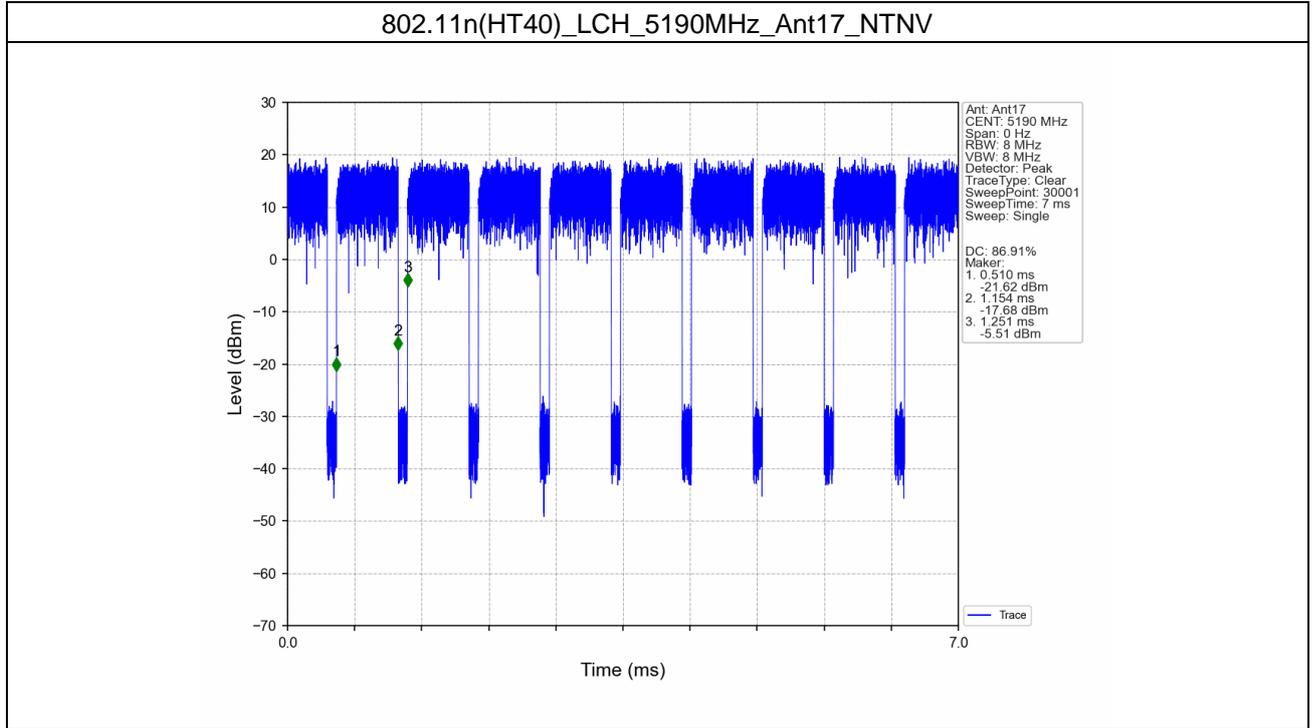
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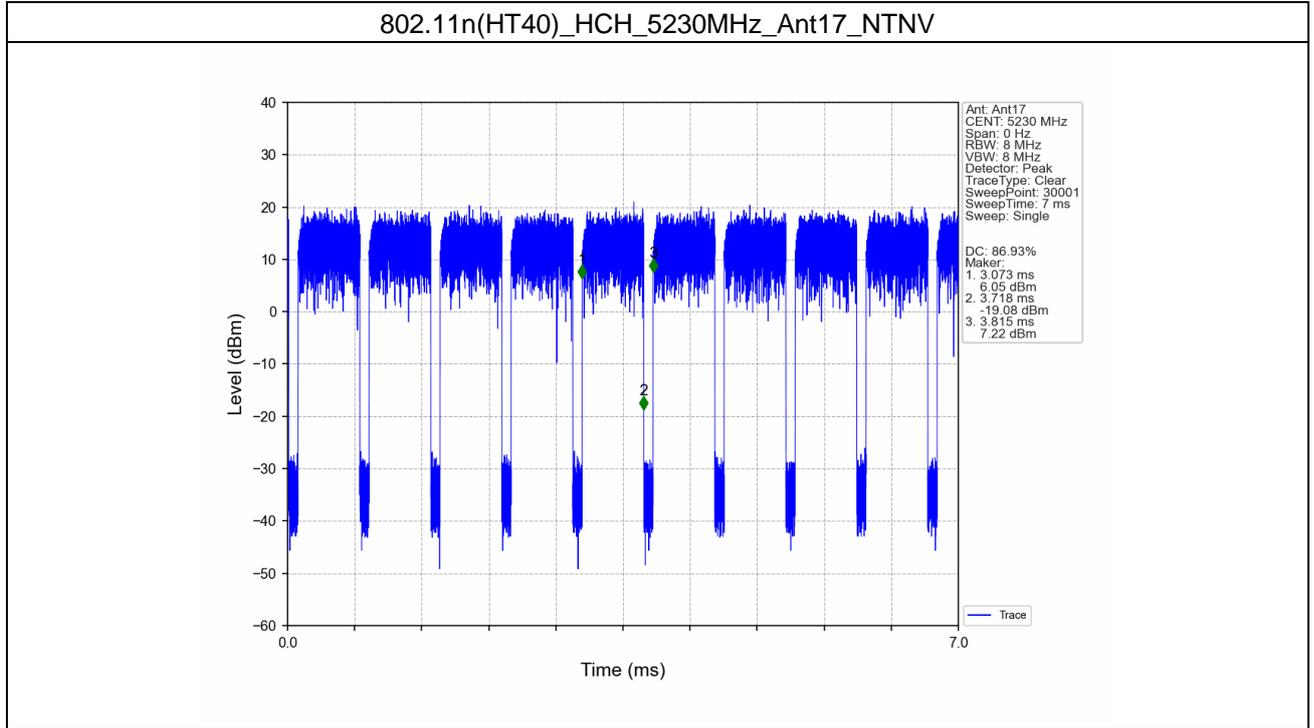




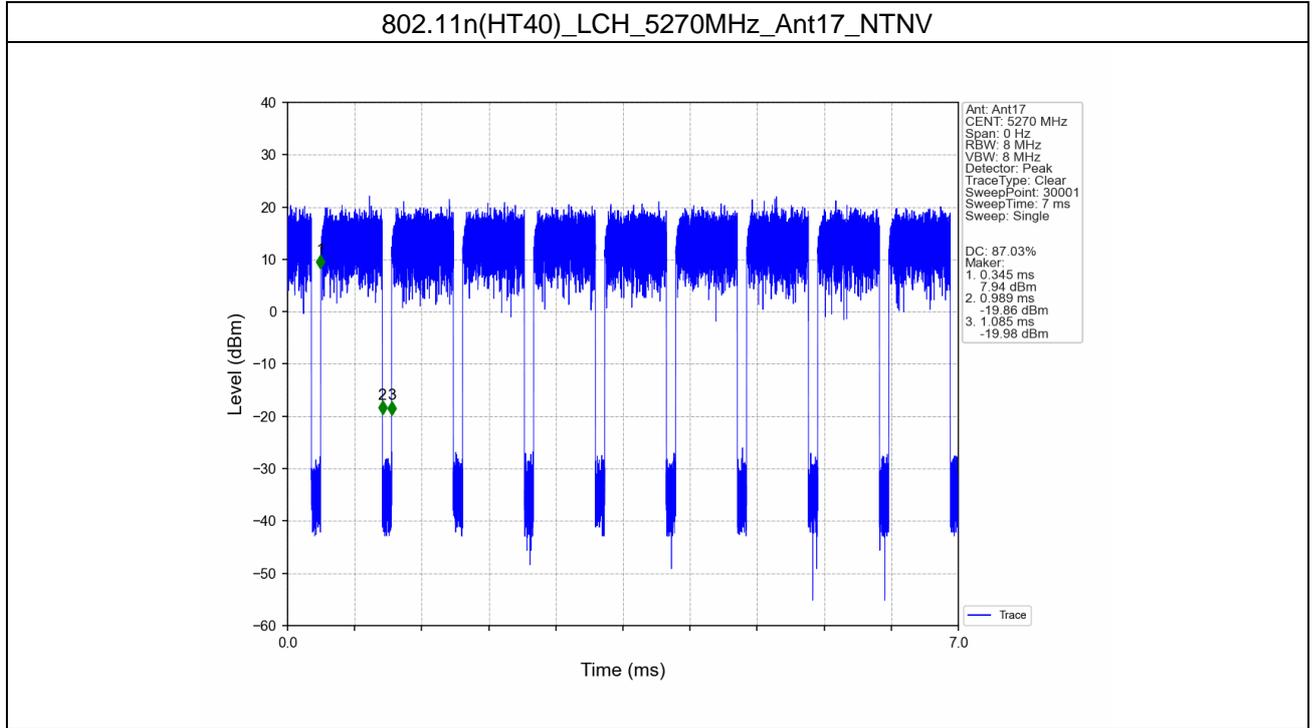
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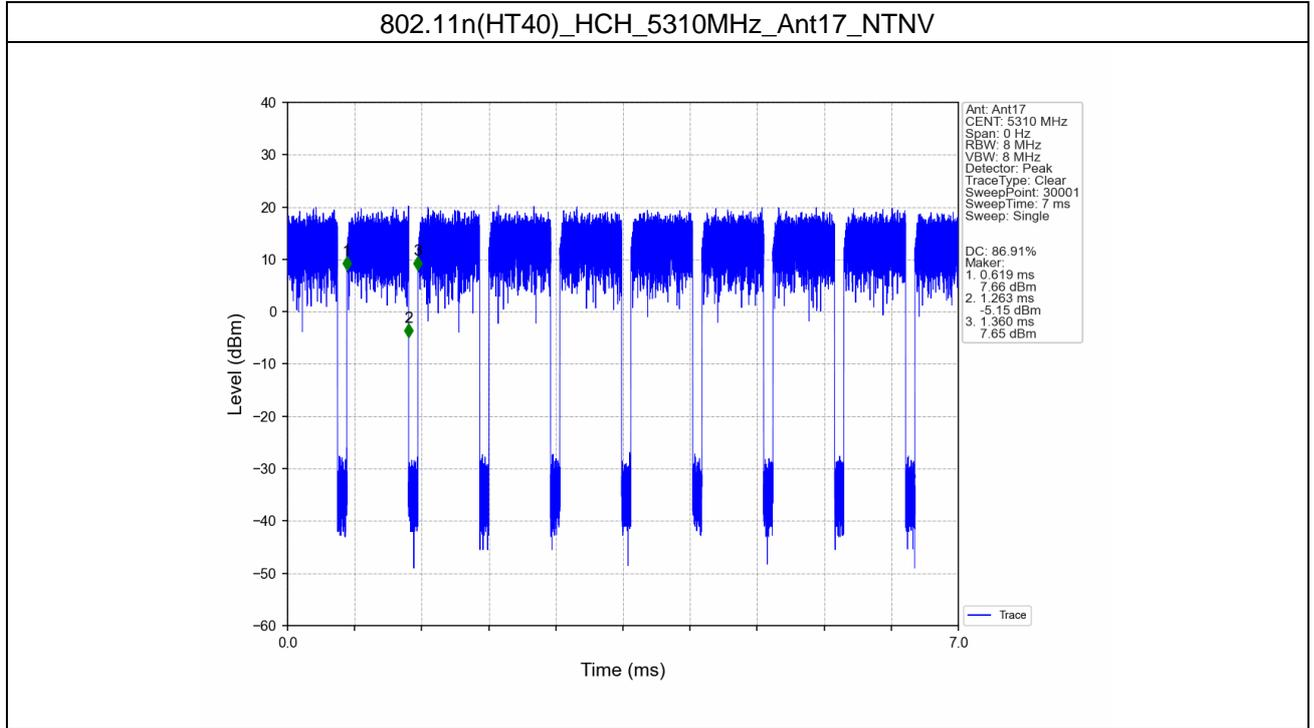


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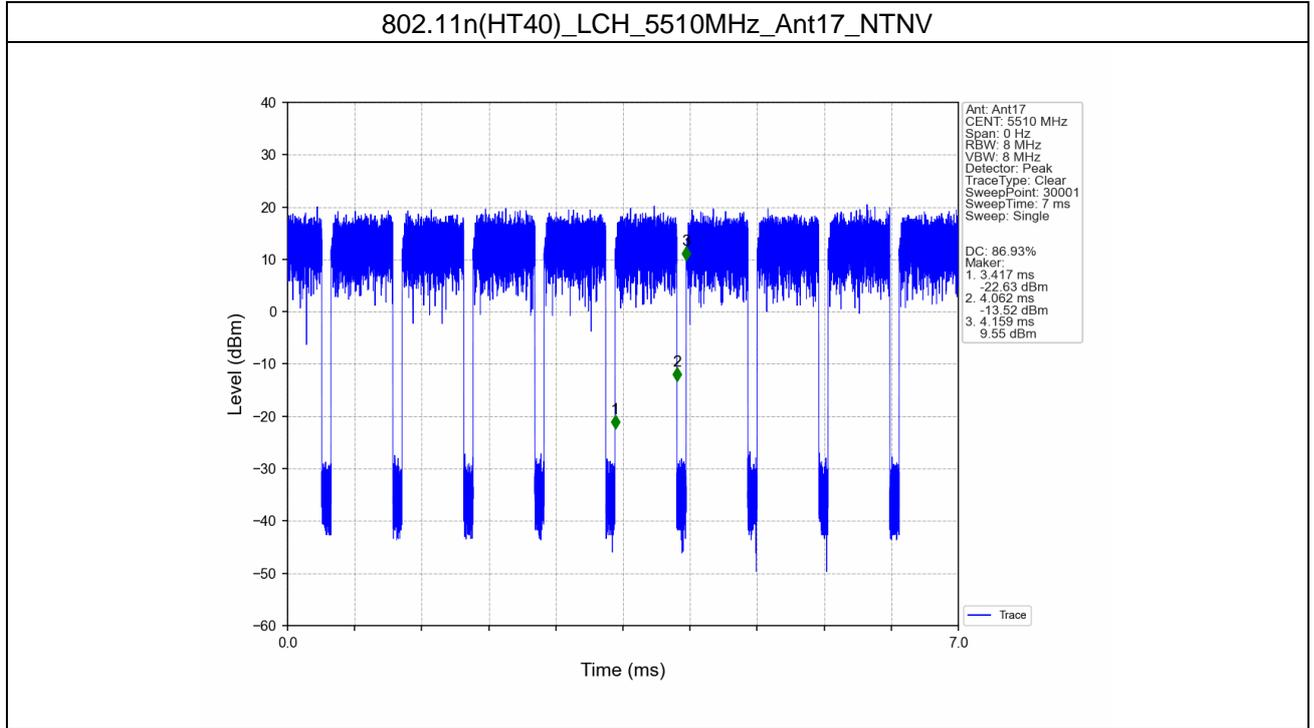
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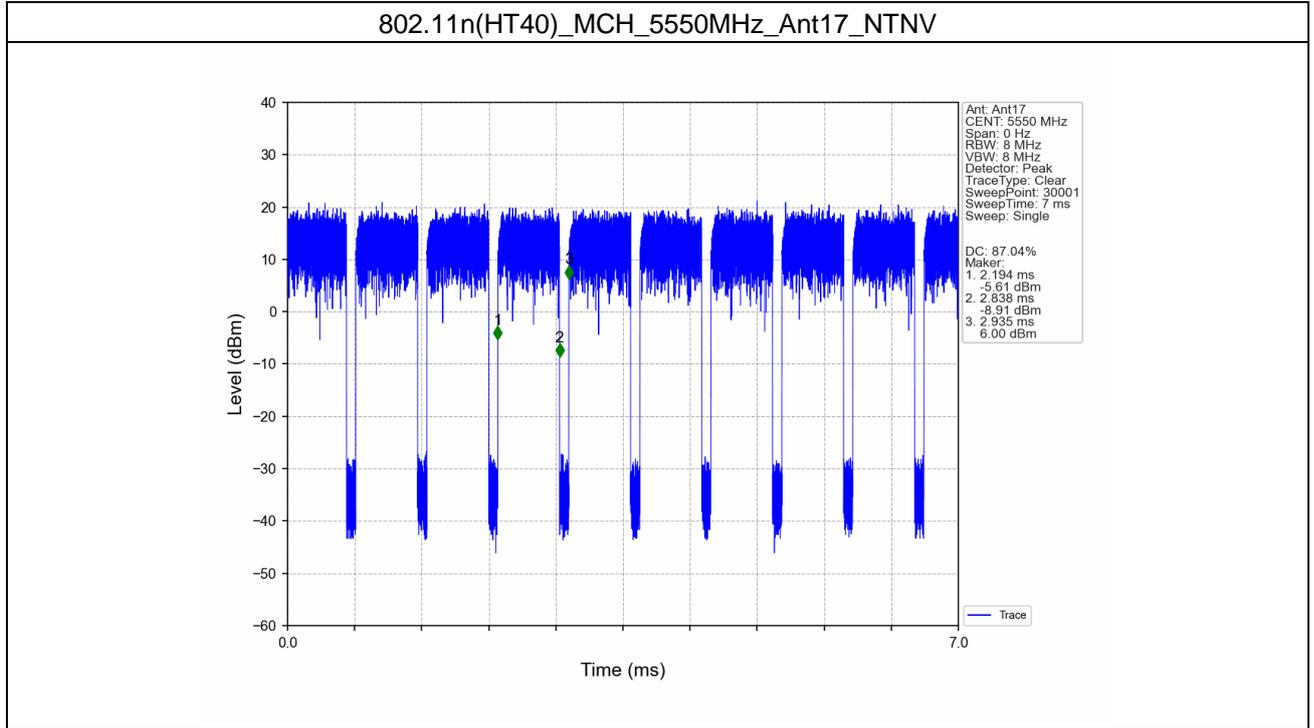
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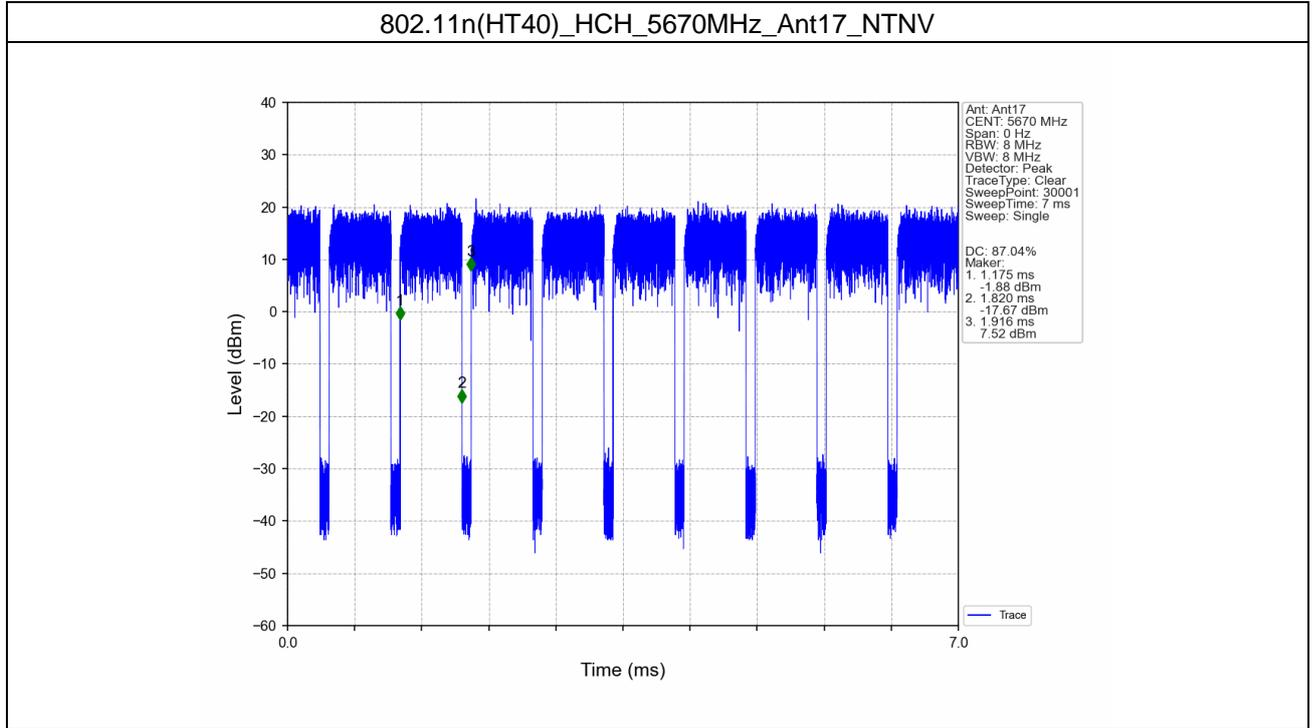
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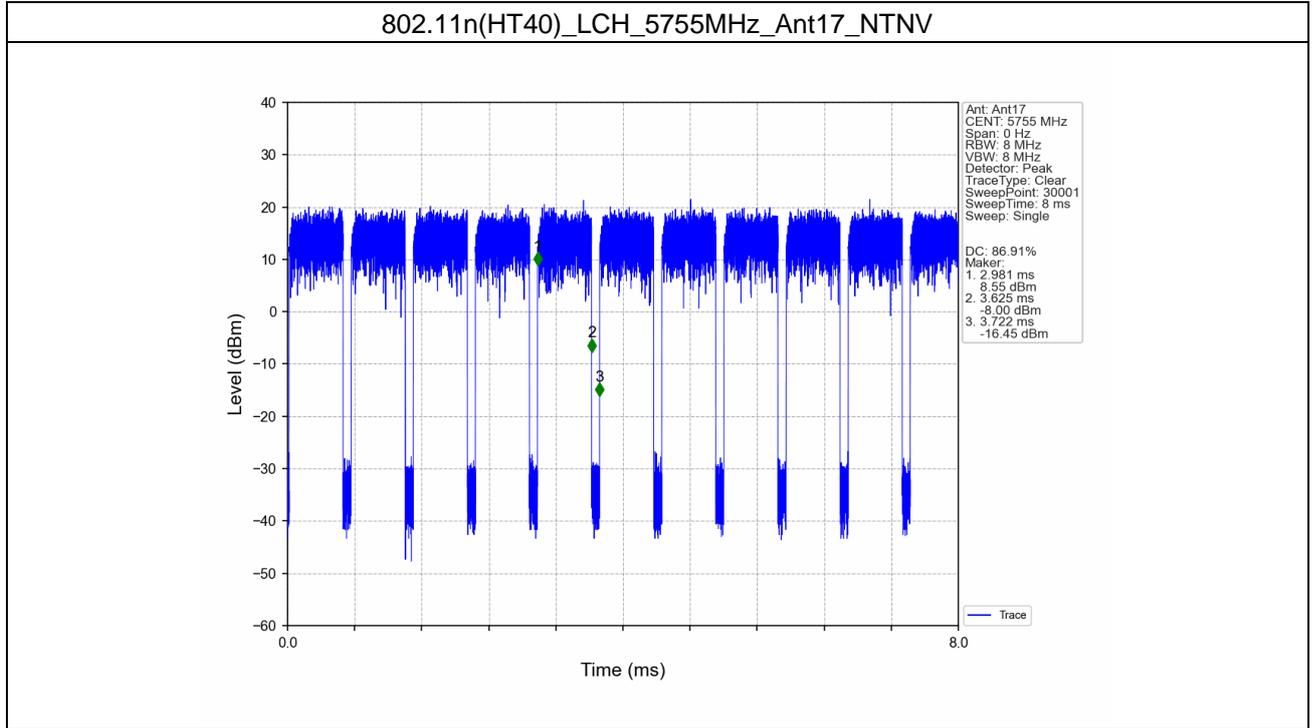




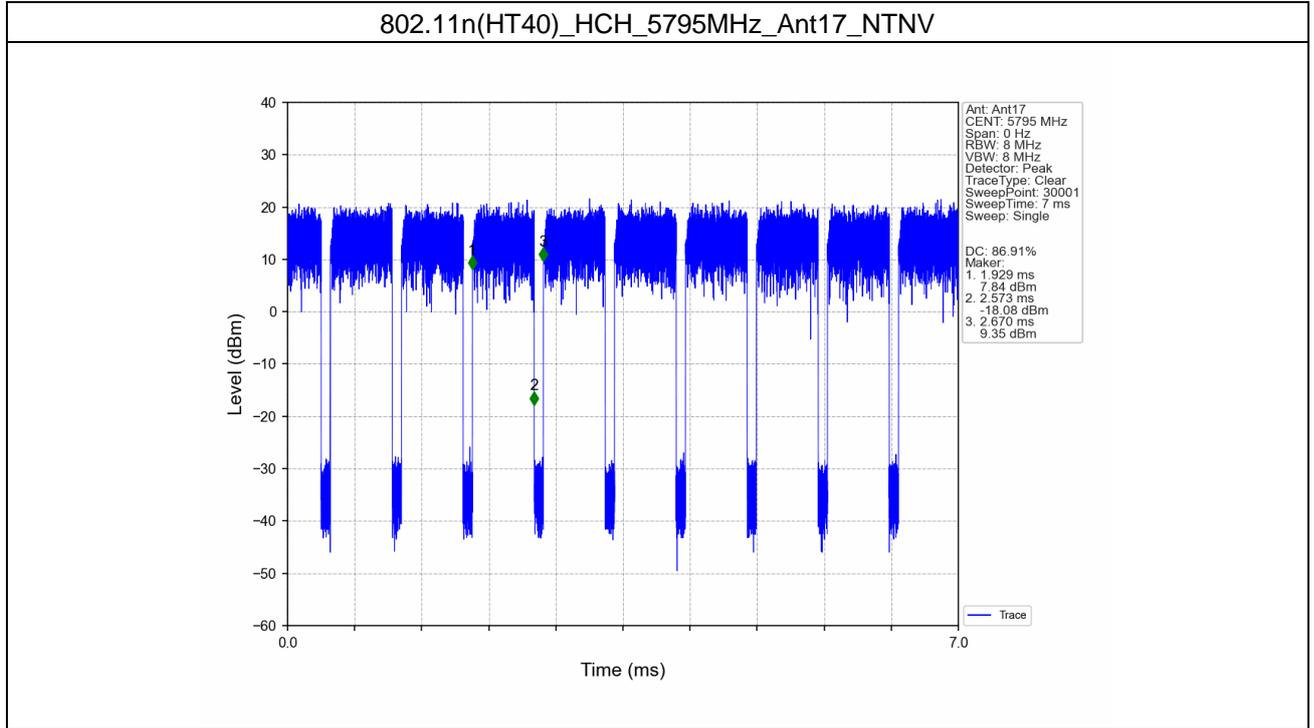
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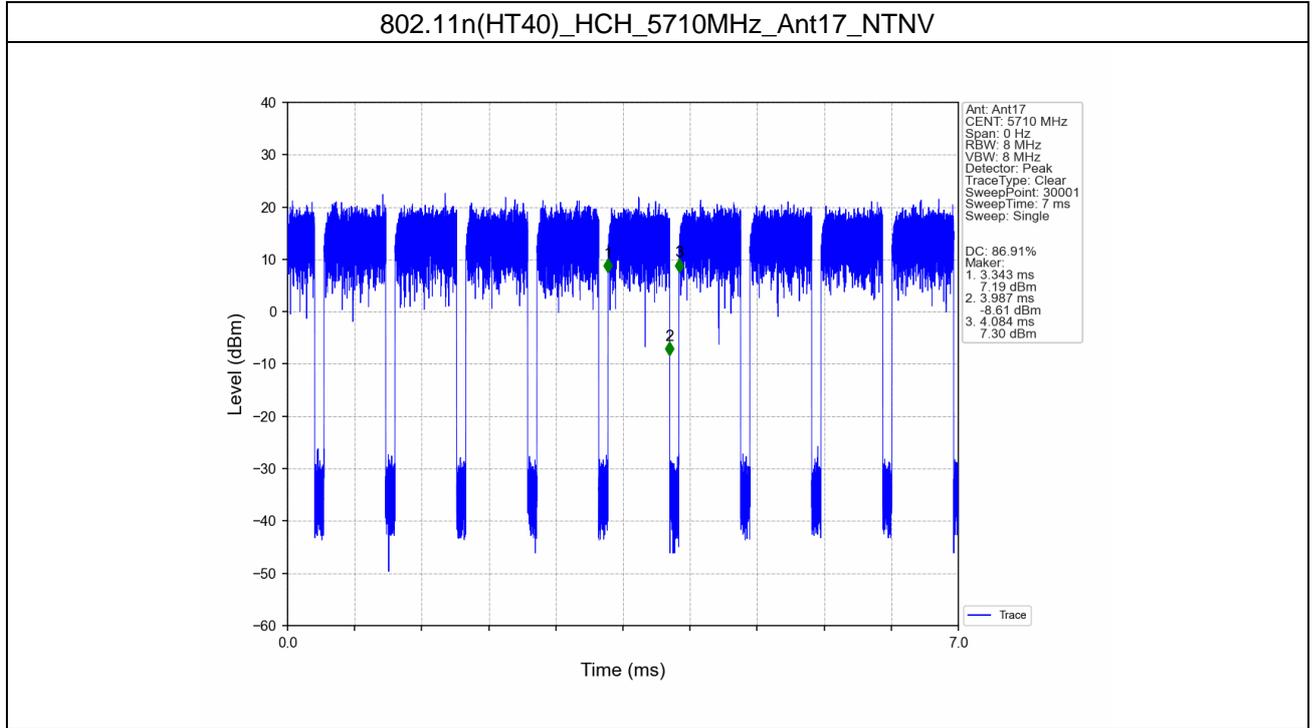


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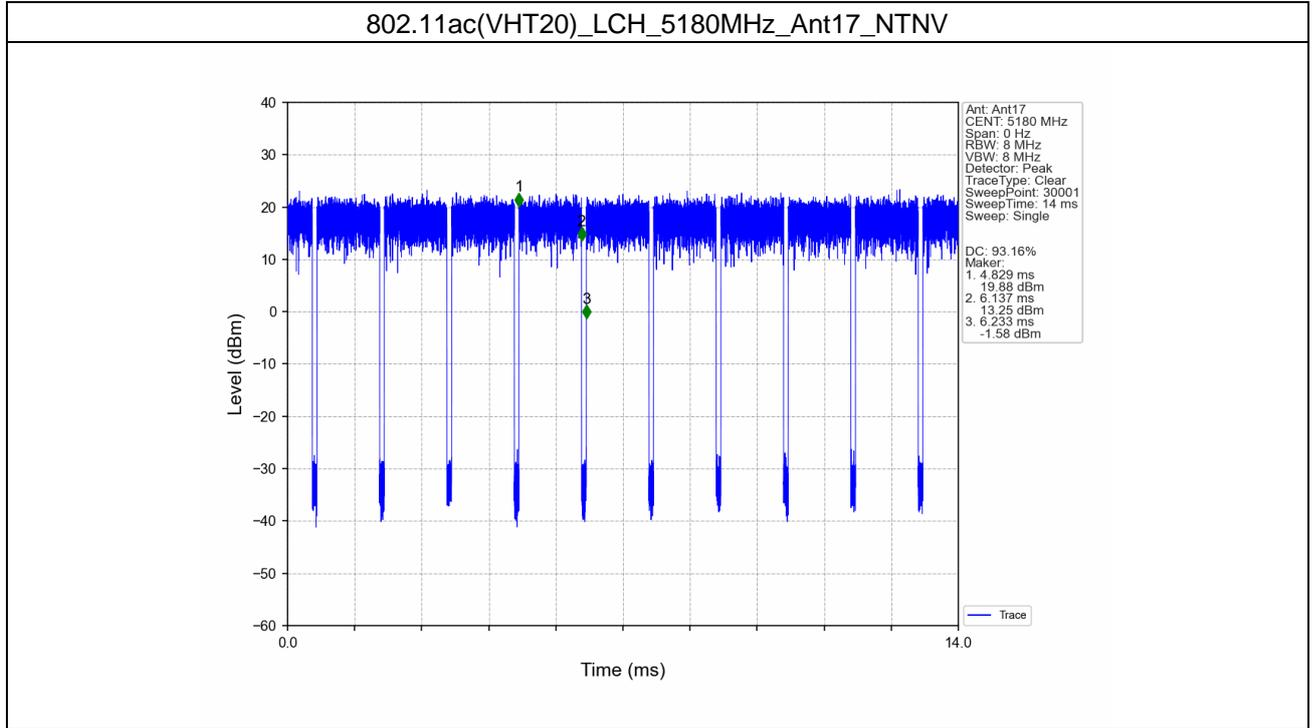
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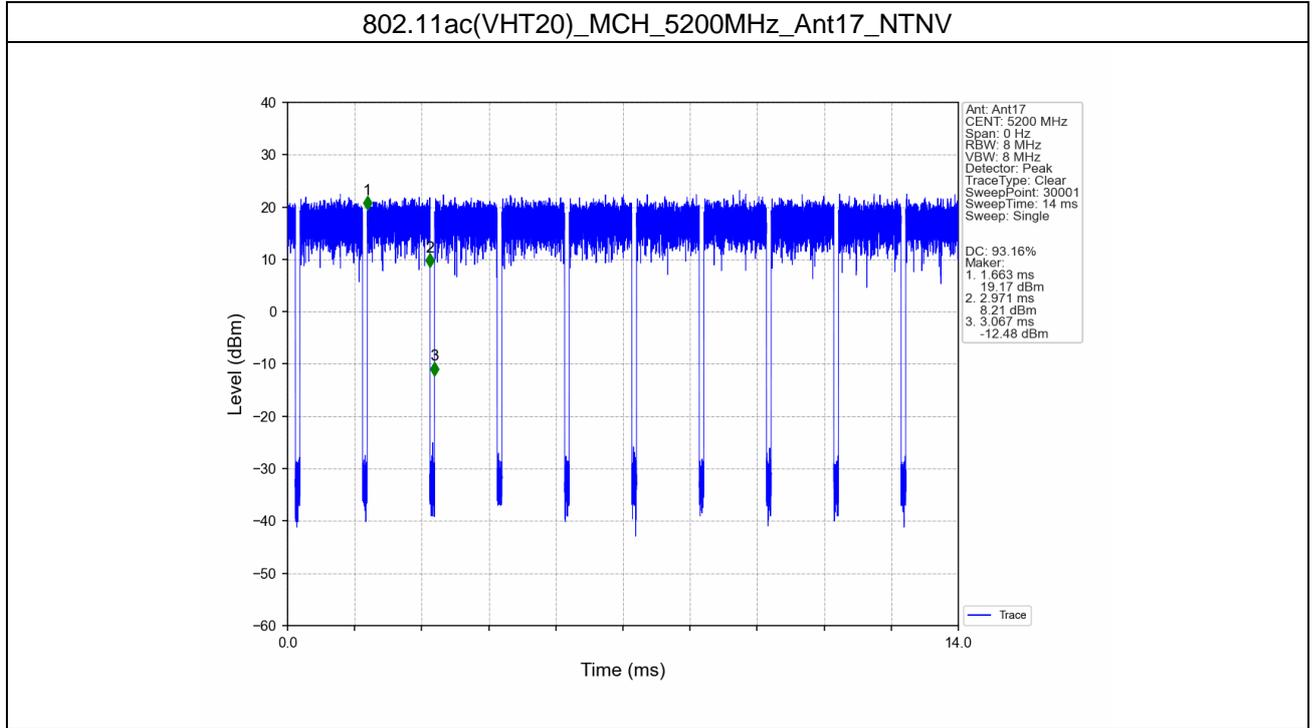


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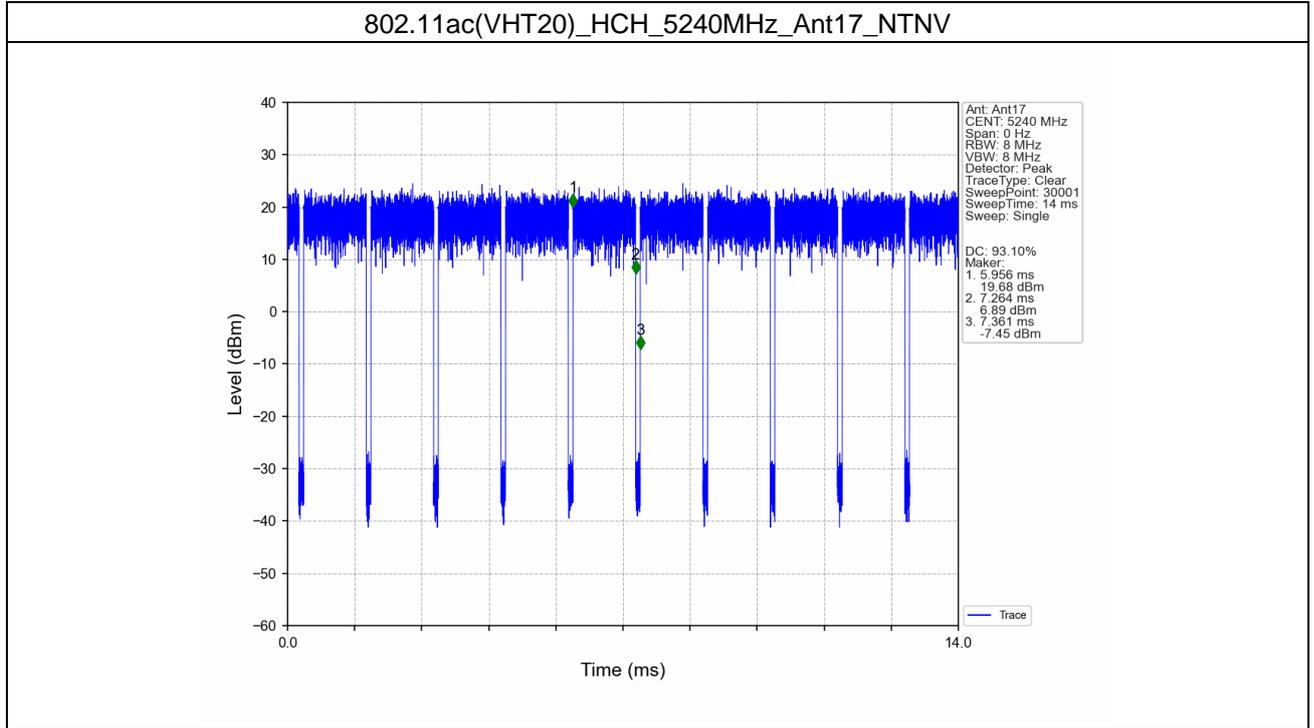


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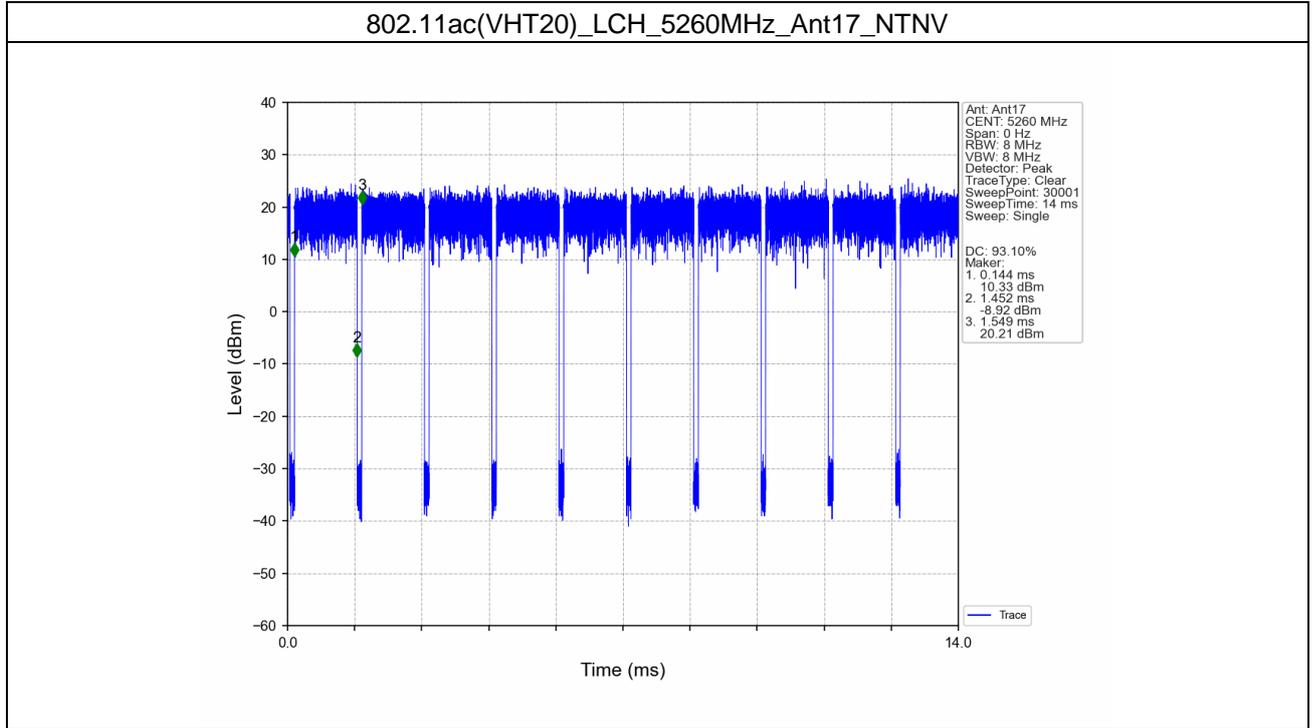
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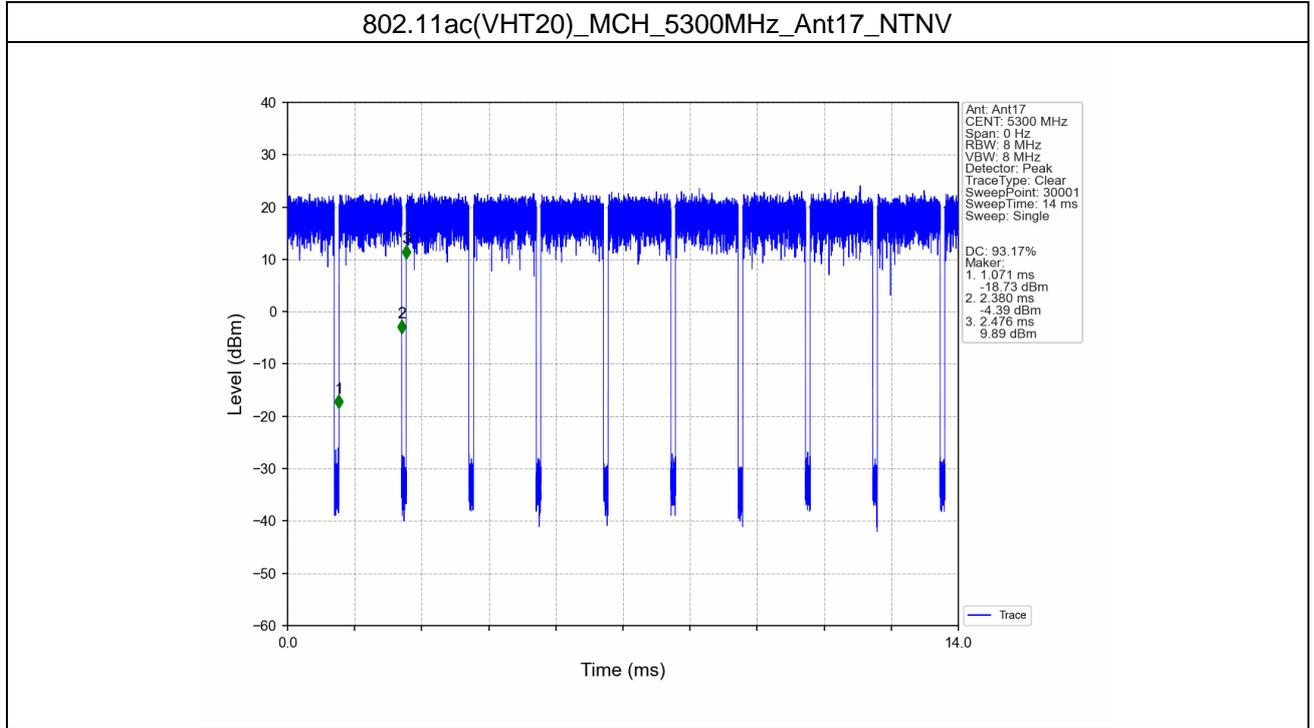


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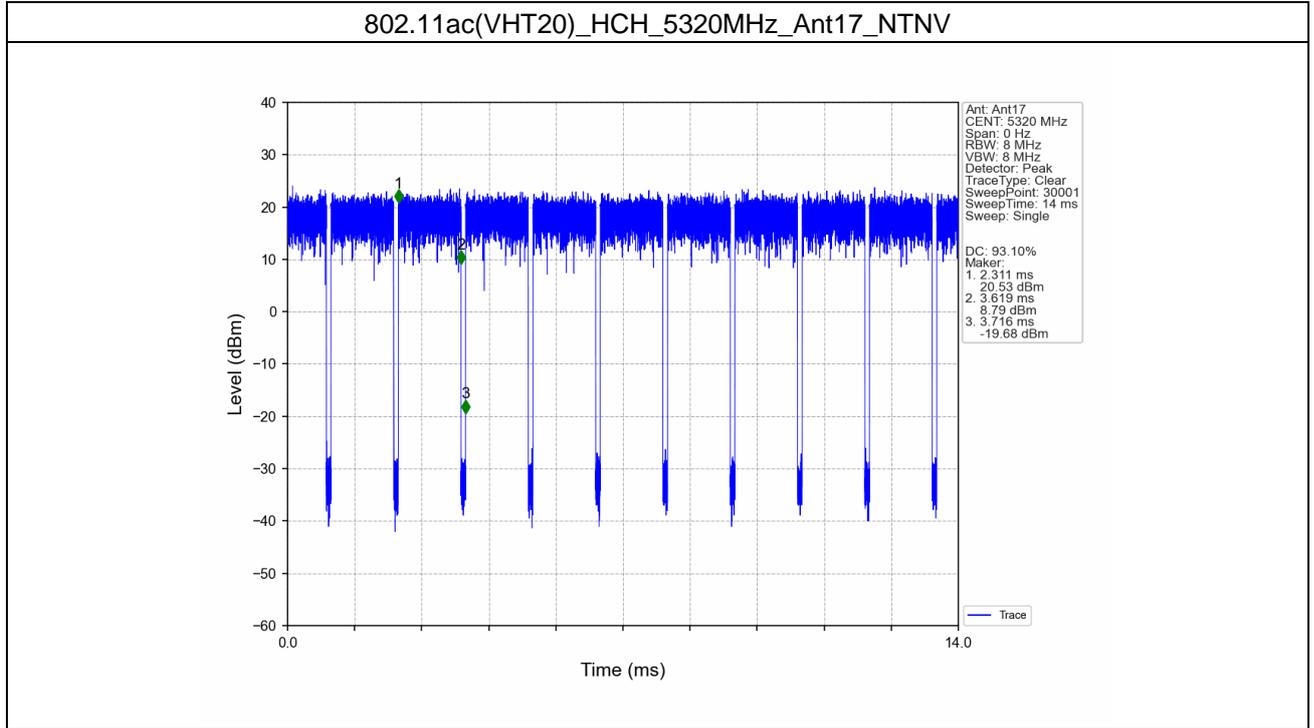


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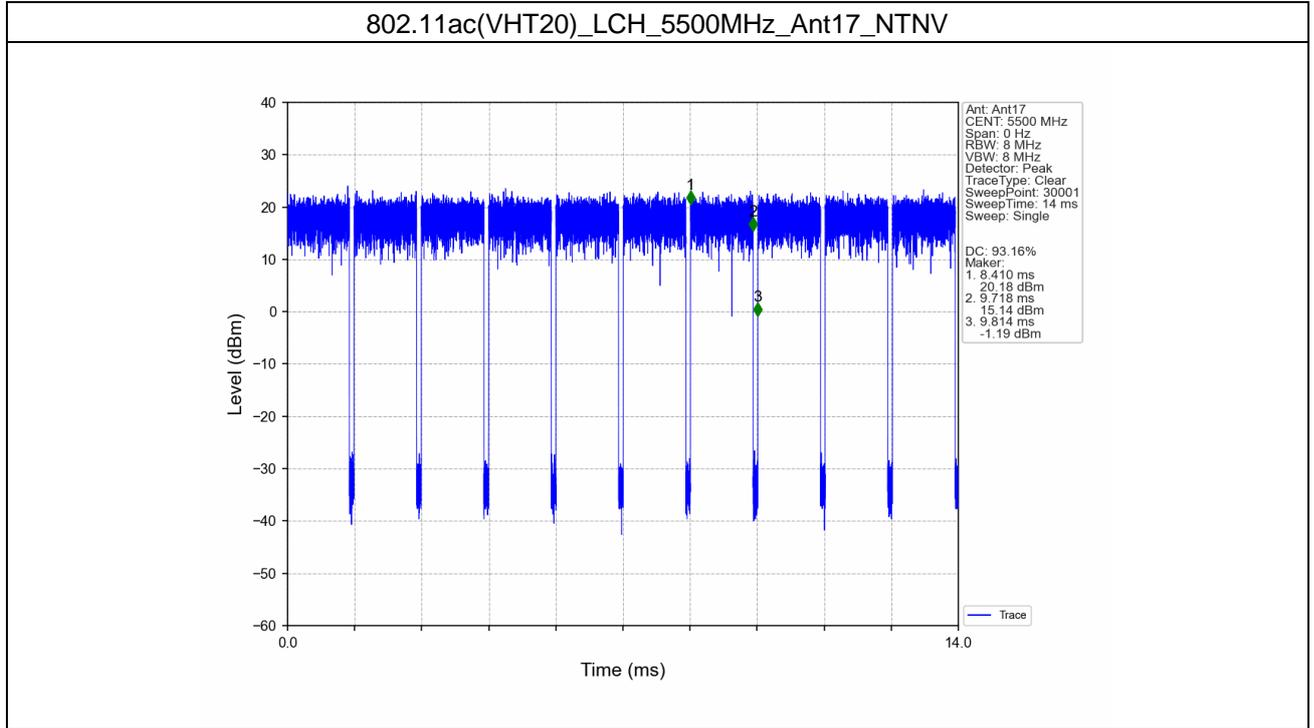
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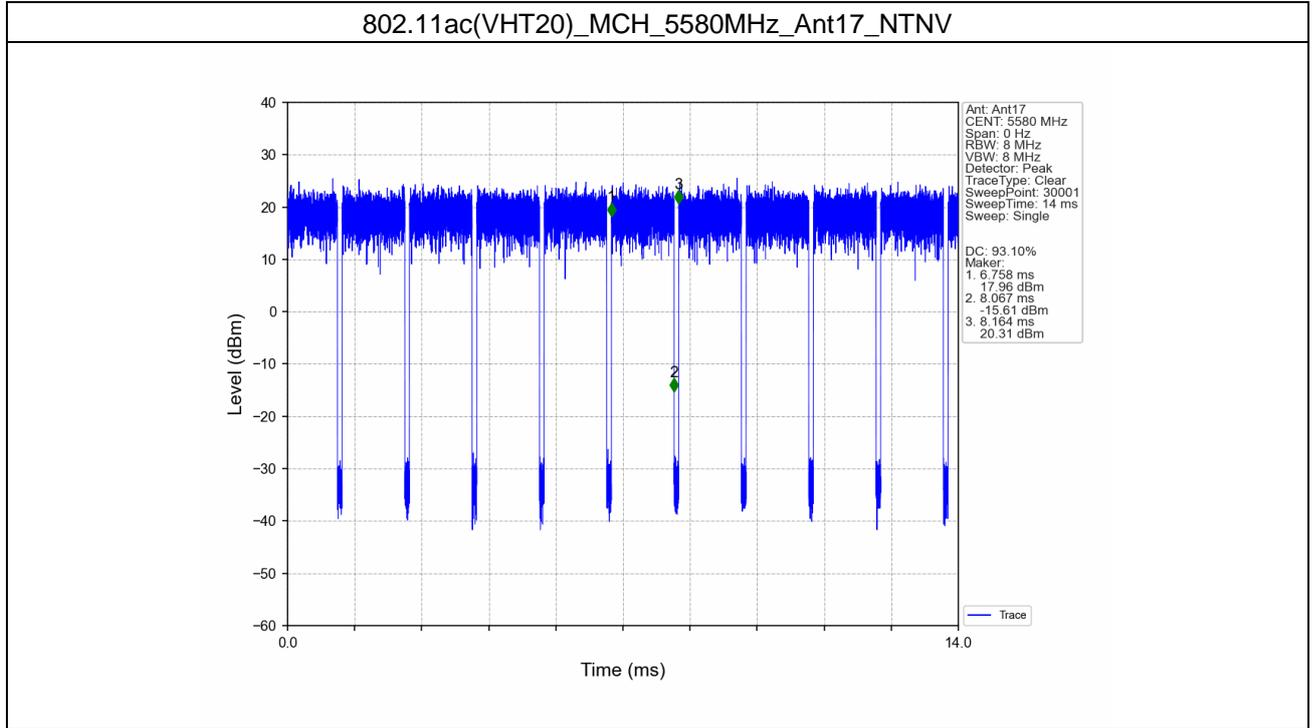
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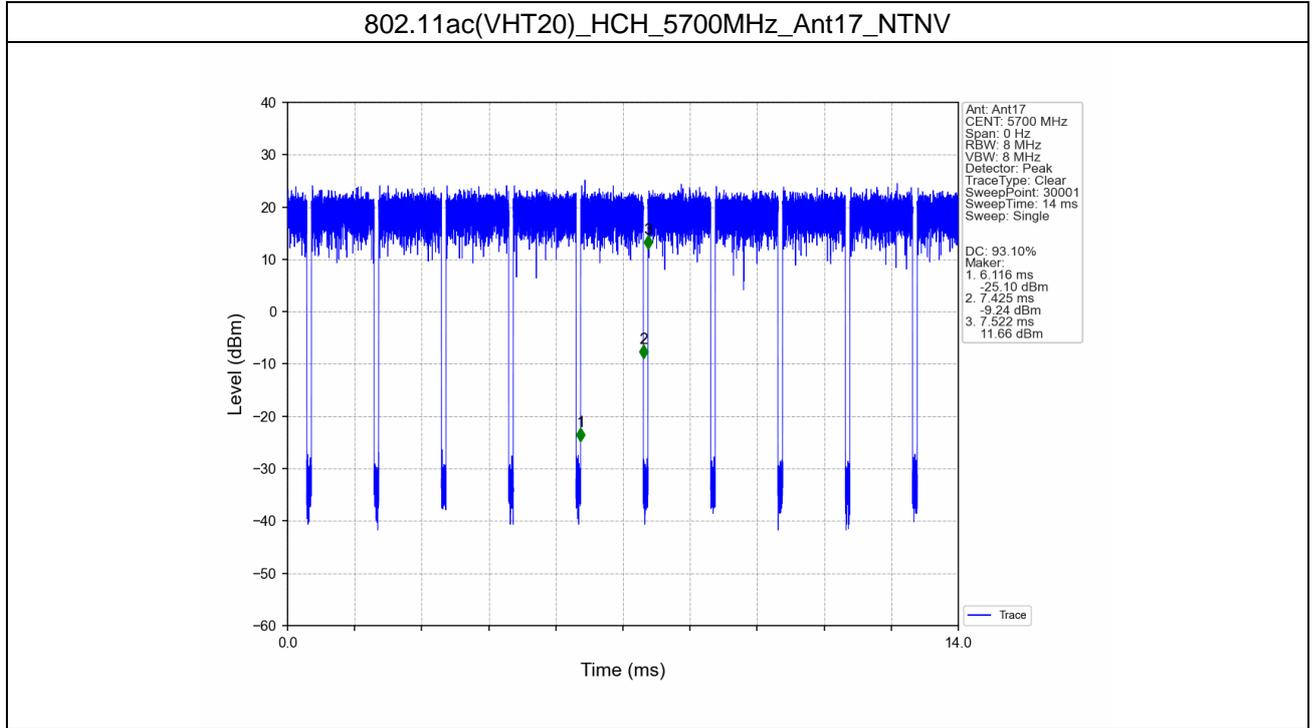
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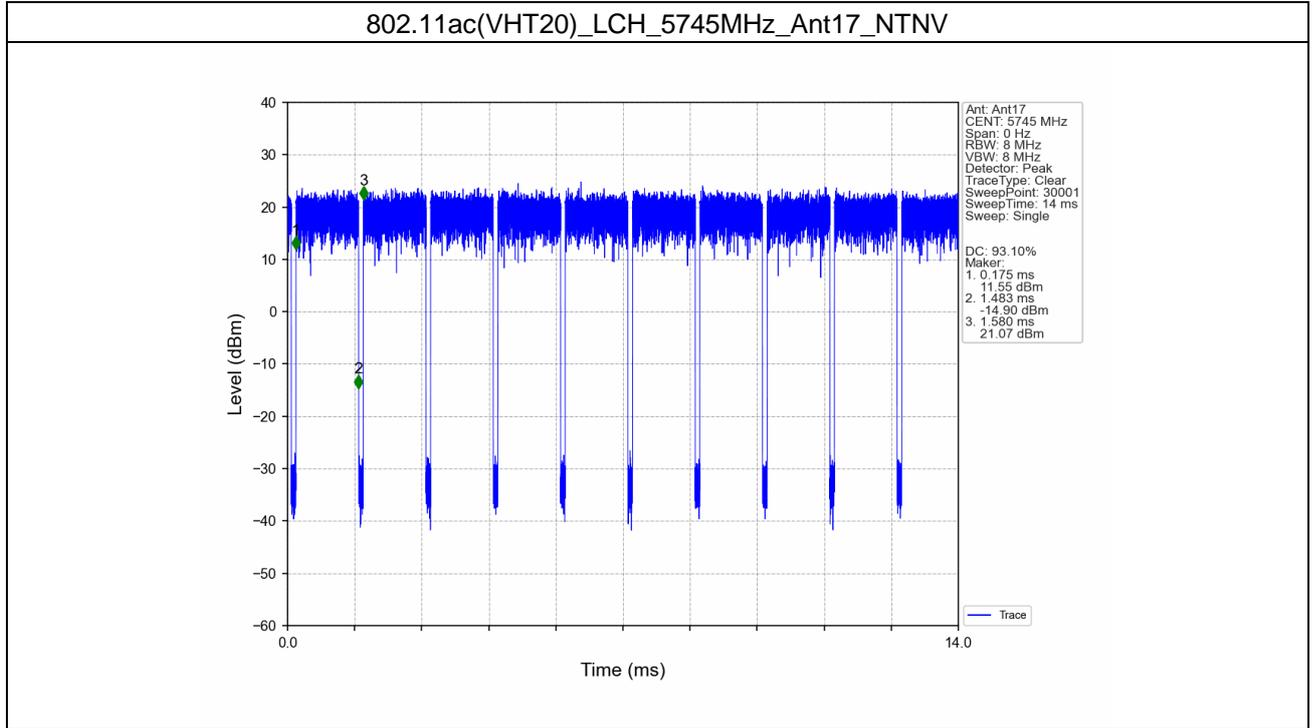


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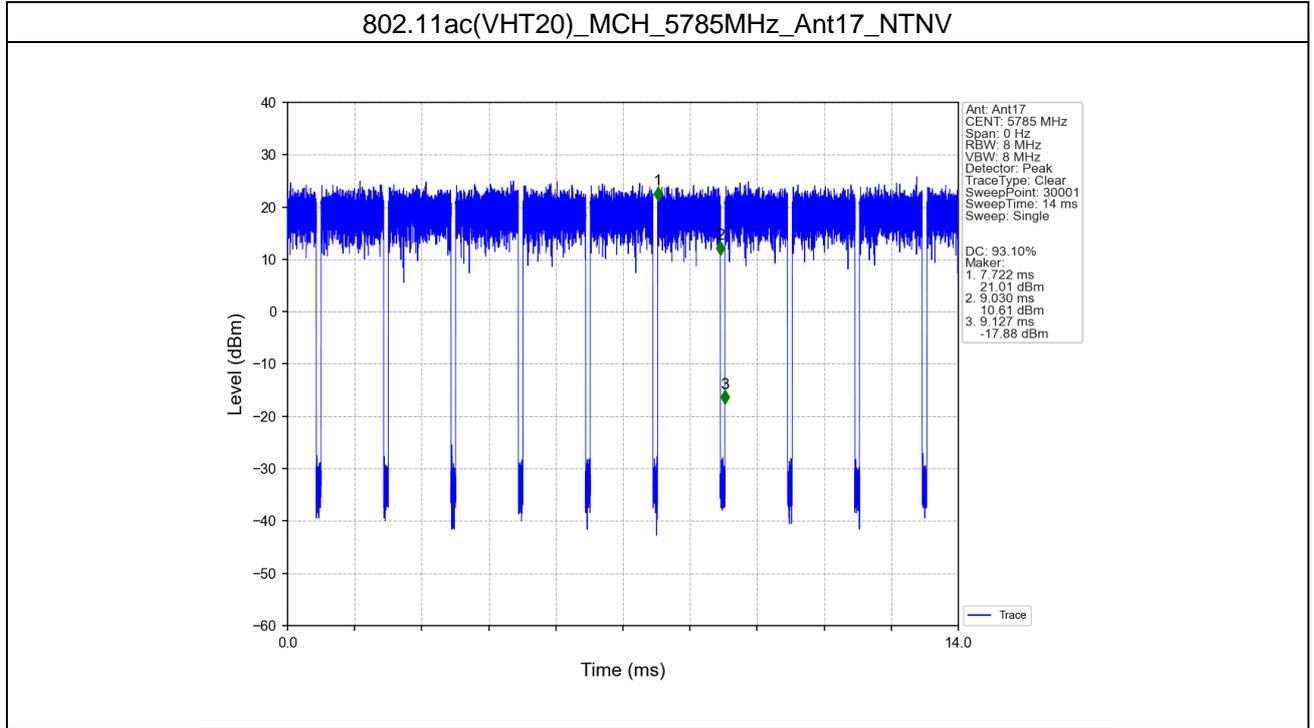


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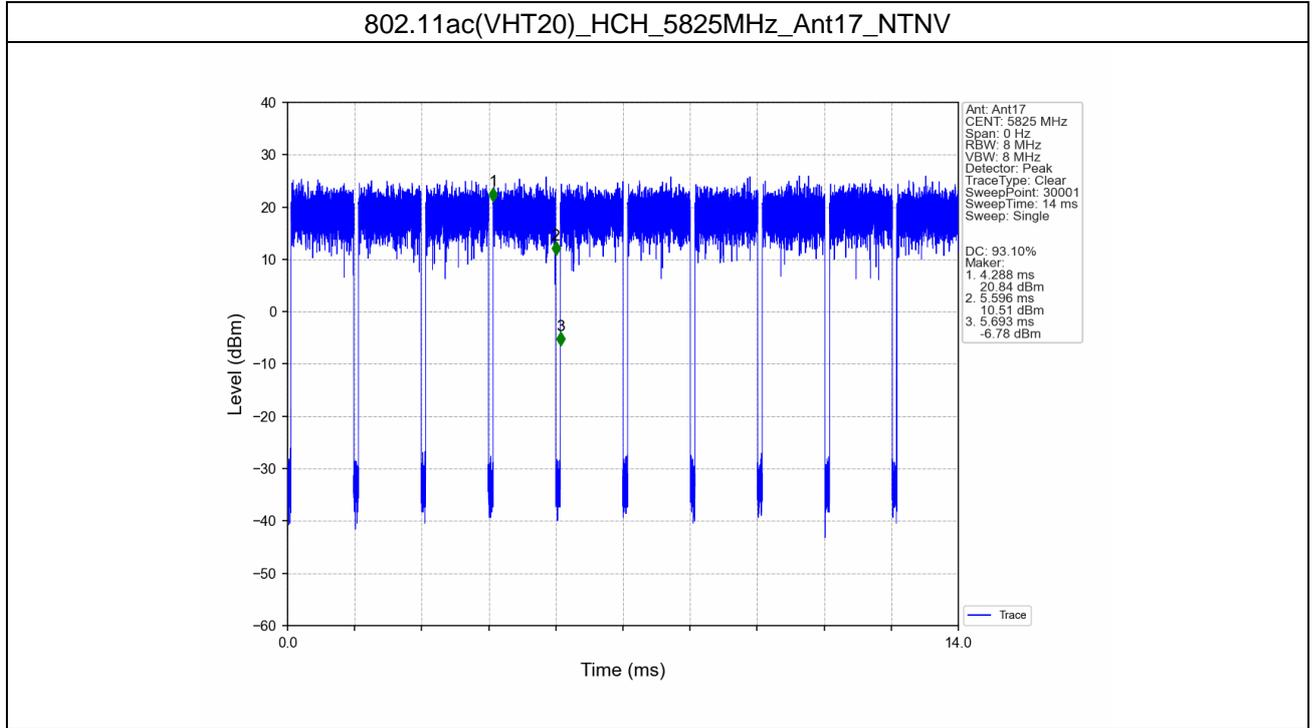


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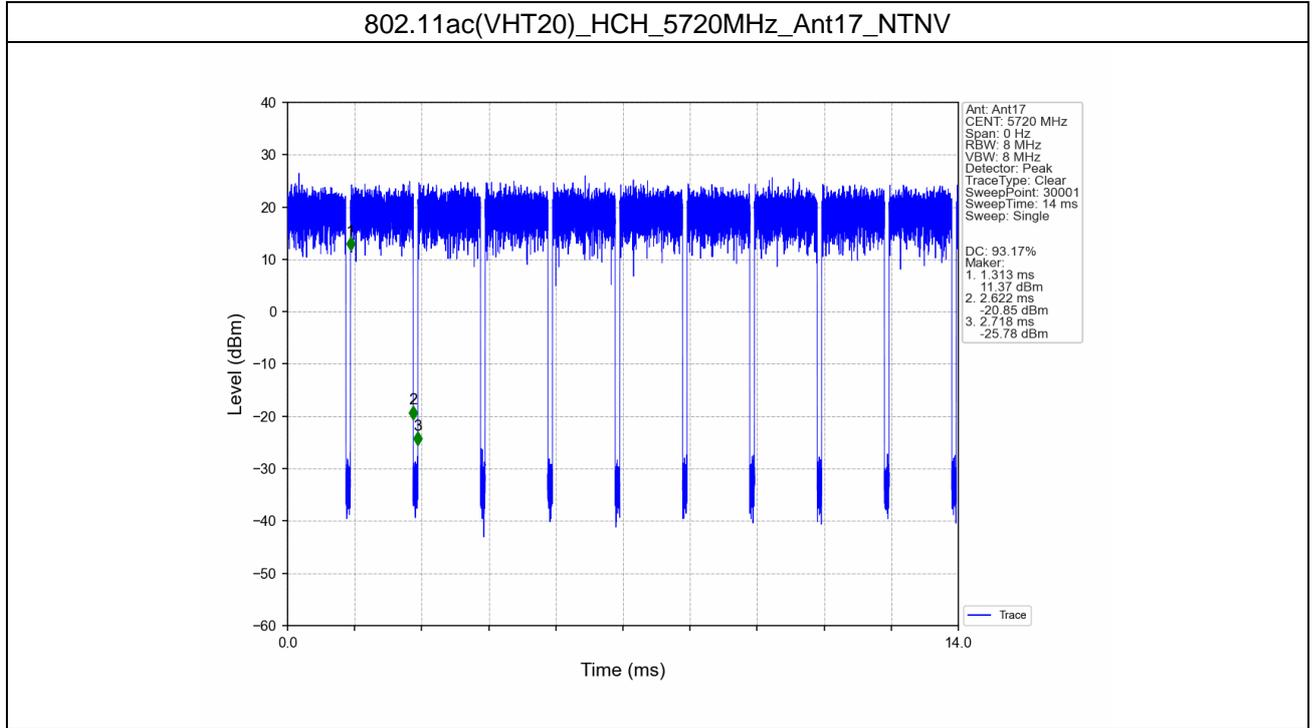


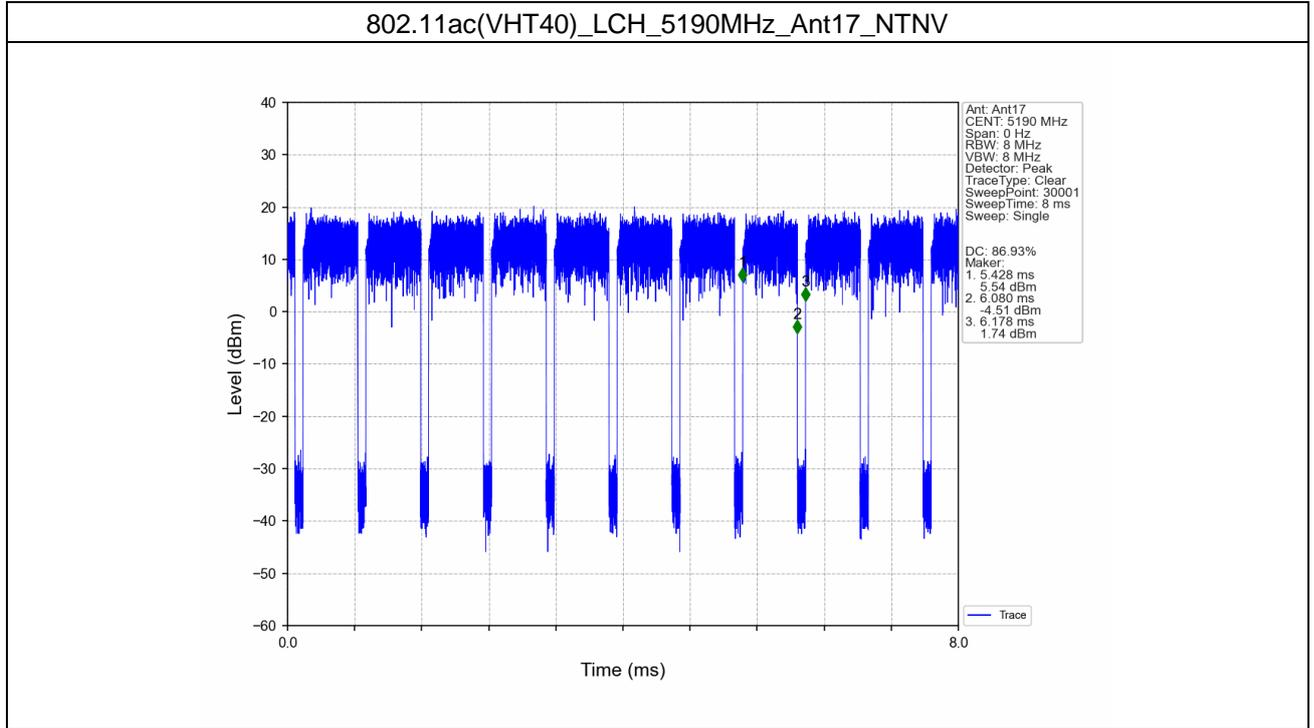
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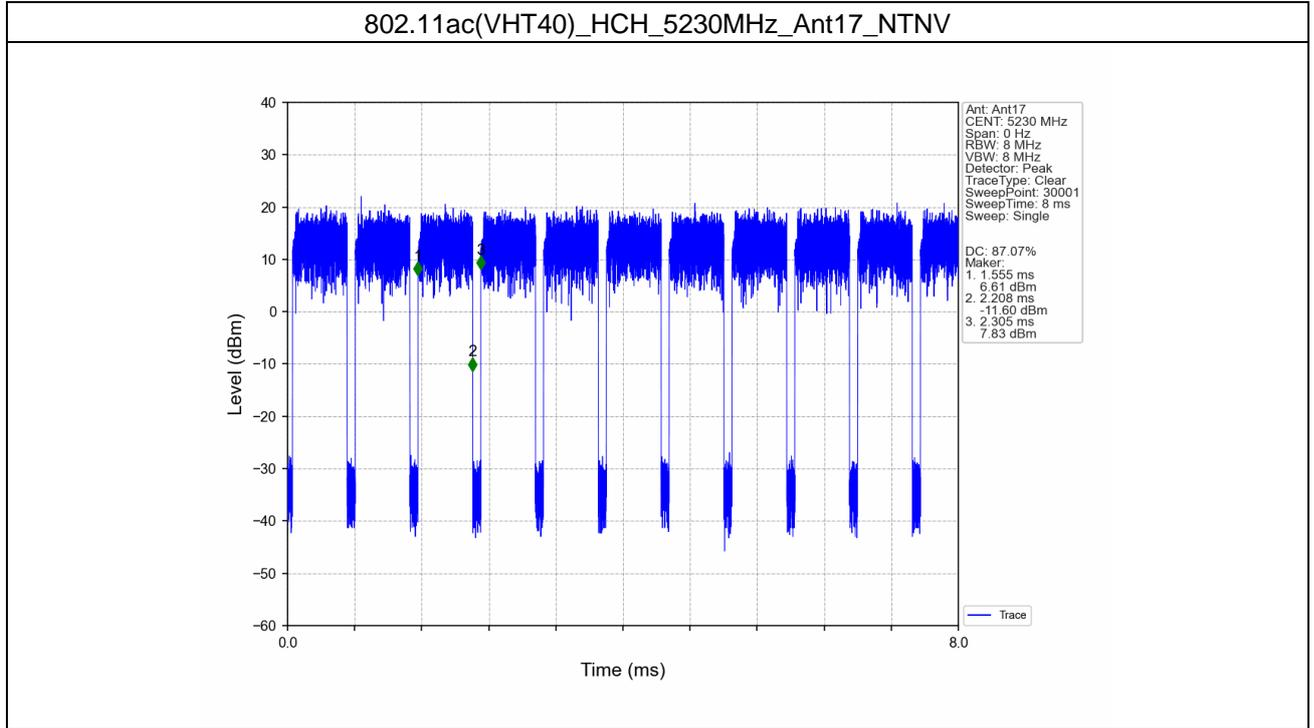
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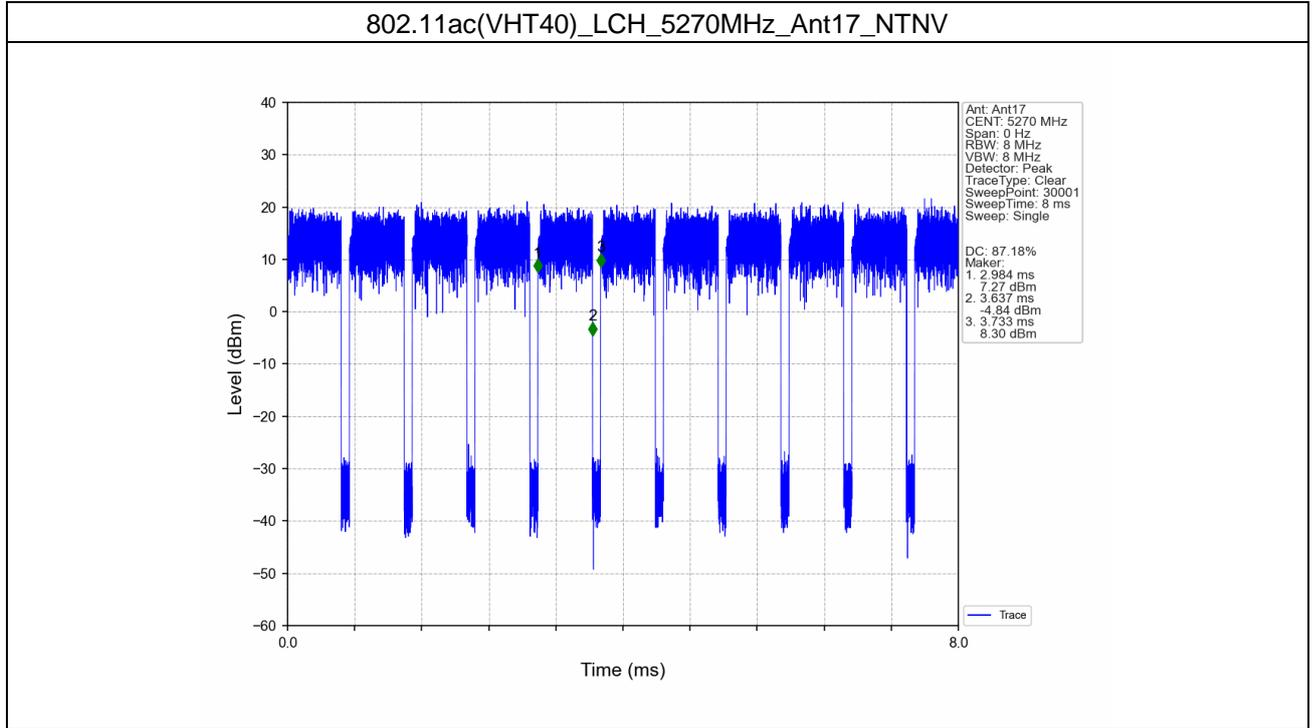




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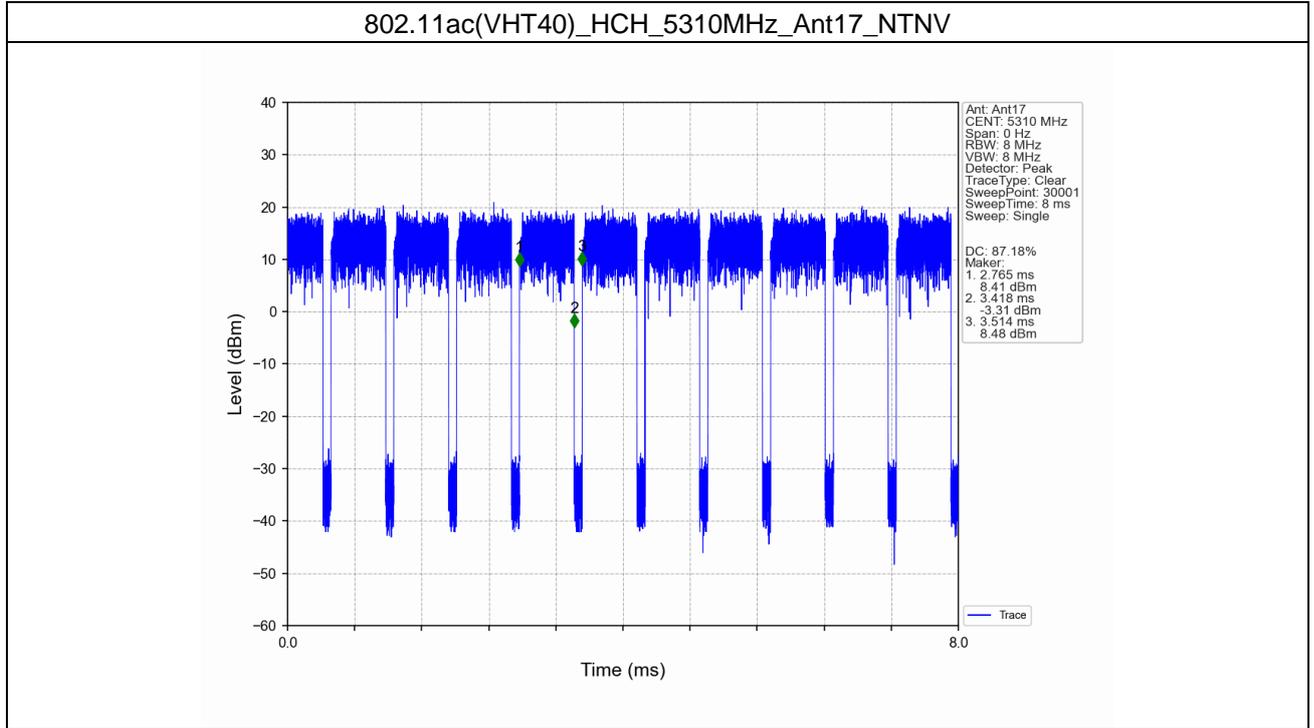


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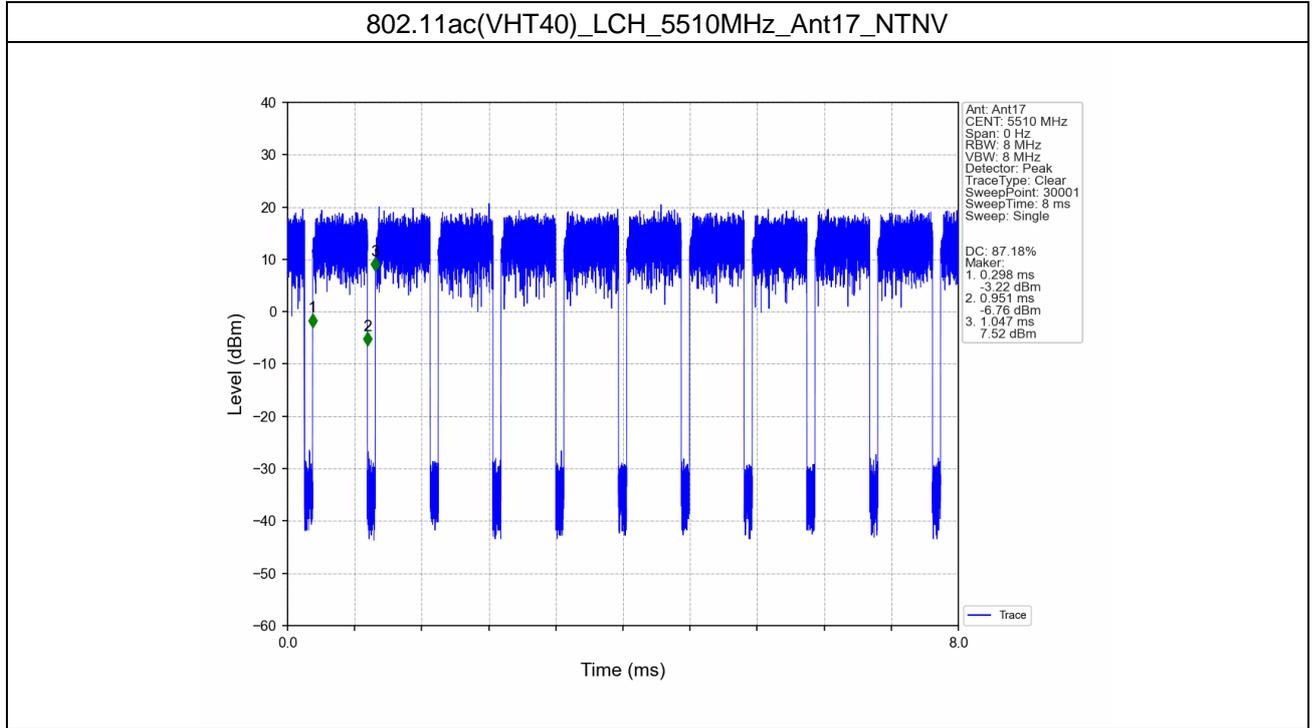
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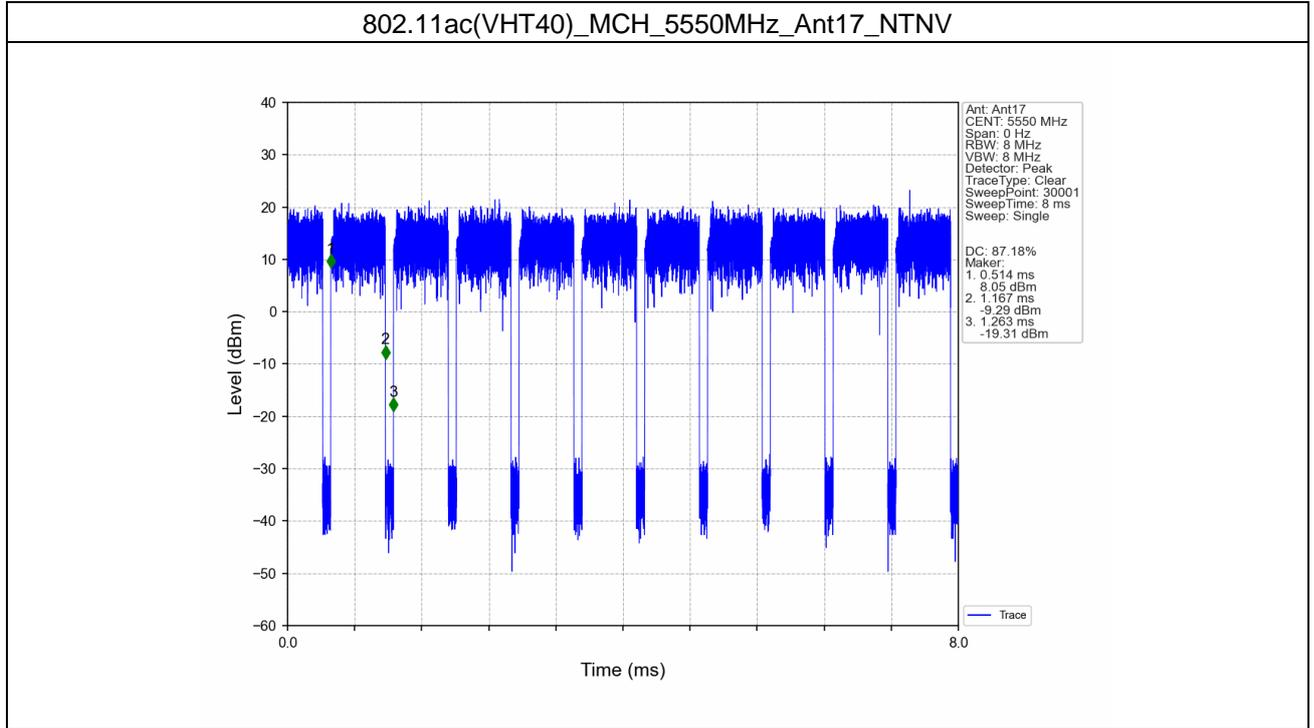
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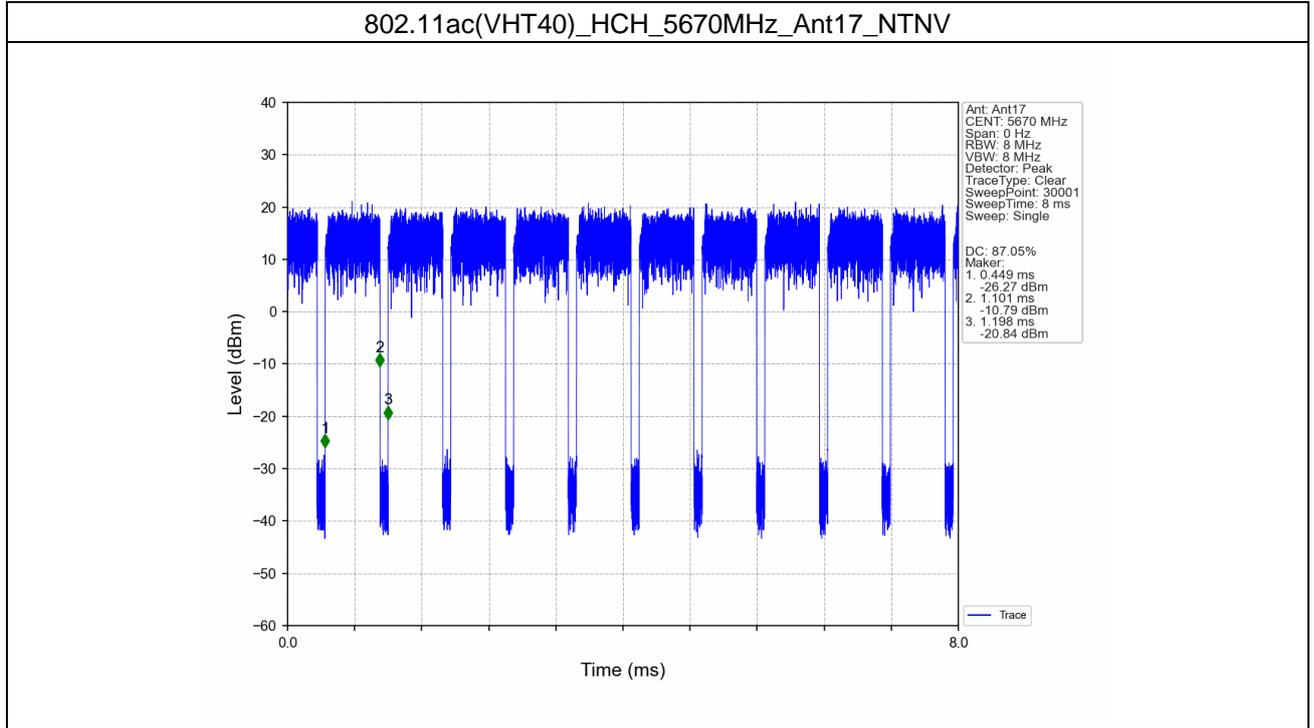
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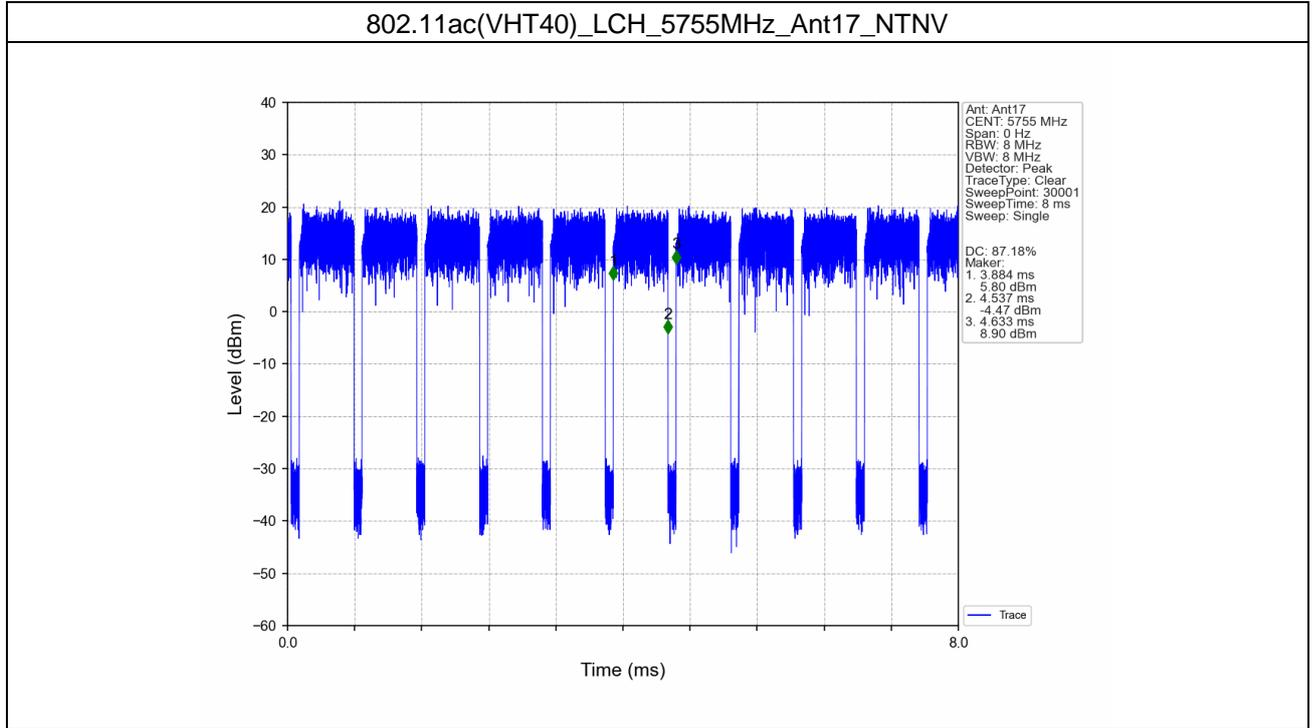


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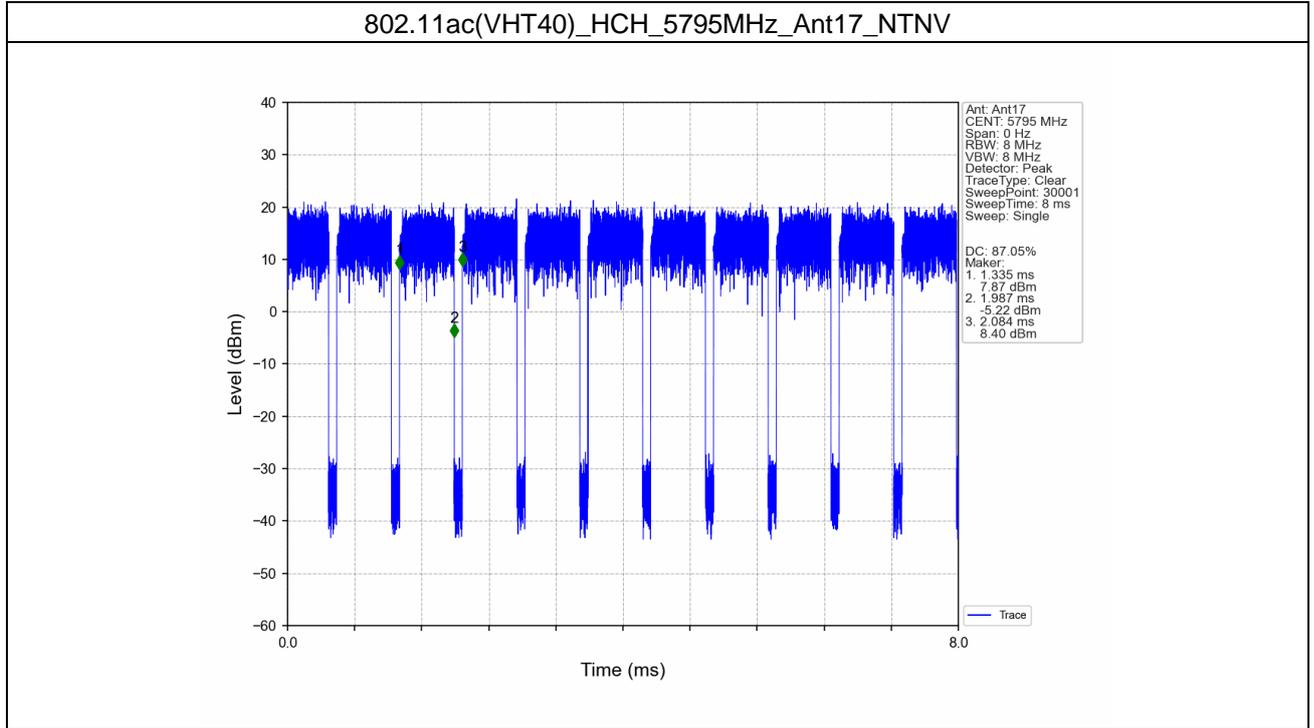
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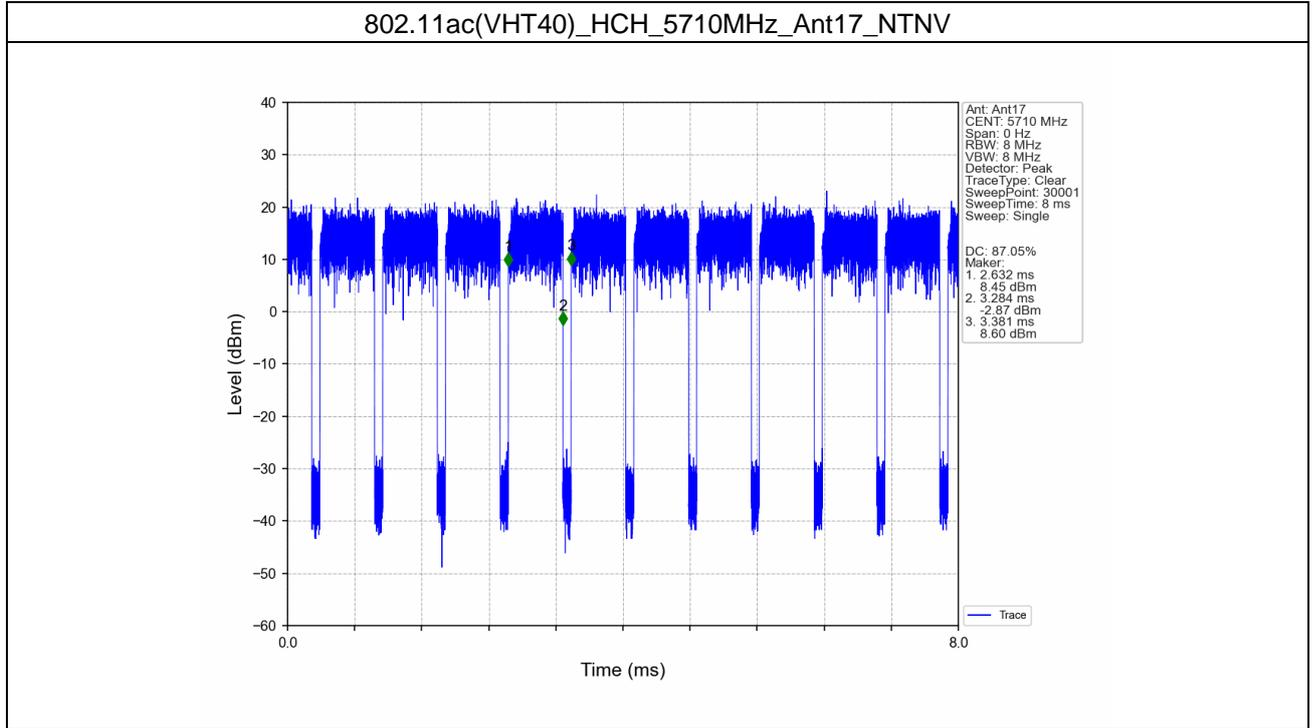


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