

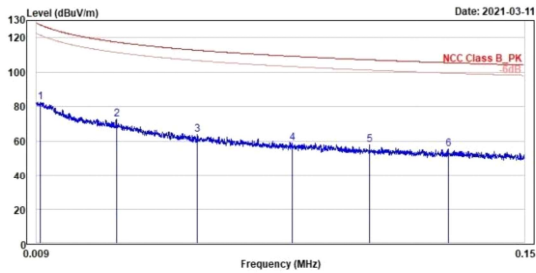
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

BLE_1M

Middle Channel I (Open) 9kHz~150kHz



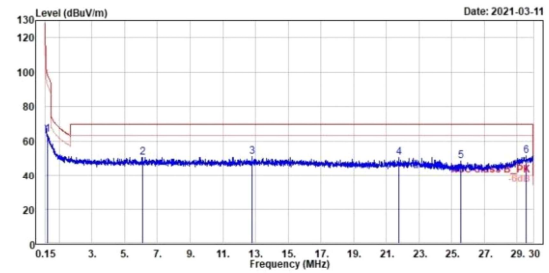
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.01	82.39	3.65	78.74	127.45	-45.06	100	4	QP	Open	
2	0.03	72.60	2.52	70.08	117.46	-44.86	100	31	QP	Open	
3	0.06	63.97	-0.31	64.28	112.70	-48.73	100	360	QP	Open	
4	0.08	58.71	-2.32	61.03	109.22	-50.51	100	21	QP	Open	
5	0.11	57.71	-1.24	58.95	107.15	-49.44	100	97	QP	Open	
6	0.13	55.51	-2.13	57.64	105.45	-49.94	100	64	QP	Open	



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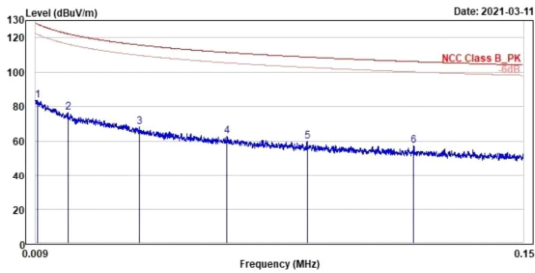
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.29	63.82	13.16	50.66	98.26	-34.44	100	126	QP	Open	
2	6.07	50.62	12.24	38.38	69.50	-18.88	100	157	QP	Open	
3	12.80	51.13	13.72	37.41	69.50	-18.37	100	195	QP	Open	
4	21.78	50.43	14.50	35.93	69.50	-19.07	100	155	QP	Open	
5	25.57	48.59	14.40	34.19	69.50	-20.91	100	97	QP	Open	
6	29.55	51.53	12.86	38.67	69.50	-17.97	100	150	QP	Open	

BLE_1M

Middle Channel I (Close) 9kHz~150kHz



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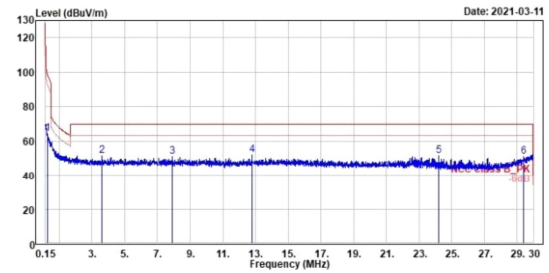


Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	83.73	4.38	79.35	128.00	-44.27	100	199 QP	Close
2	0.02	76.84	3.27	73.57	122.31	-45.47	100	145 QP	Close
3	0.04	68.24	0.37	67.87	115.77	-47.53	100	30 QP	Close
4	0.06	62.65	-0.43	63.08	111.41	-48.76	100	45 QP	Close
5	0.09	59.62	-1.04	60.66	108.76	-49.14	100	145 QP	Close
6	0.12	57.36	-0.84	58.20	106.13	-48.77	100	100 QP	Close

Middle Channel (Close) 150kHz~30MHz



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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.30	64.35	13.07	50.48	98.00	-33.73	100	359 QP	Close
2	3.59	51.43	13.13	38.30	69.50	-18.07	100	309 QP	Close
3	7.92	50.70	12.59	38.11	69.50	-18.80	100	250 QP	Close
4	12.80	51.70	14.29	37.41	69.50	-17.80	100	152 QP	Close
5	24.21	51.22	16.50	34.72	69.50	-18.28	100	52 QP	Close
6	29.40	50.98	12.68	38.30	69.50	-18.52	100	300 QP	Close

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

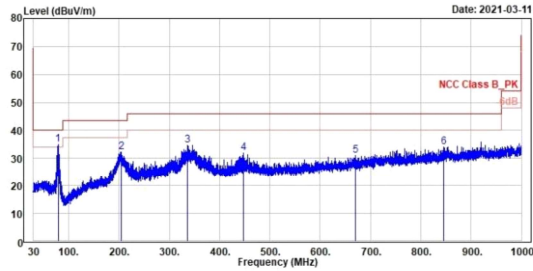
BLE_1M

Middle Channel (Horizontal)

Middle Channel (Vertical)



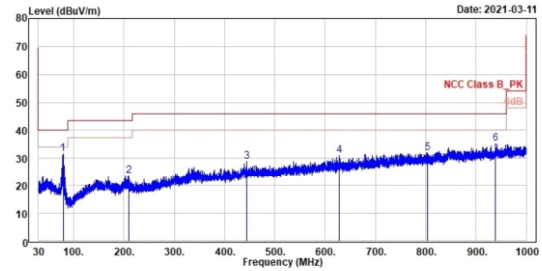
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	78.99	34.88	45.13	-10.25	40.00	-5.12	300	328	Peak	horizontal	
2	204.31	32.26	40.46	-8.20	43.50	-11.24	100	200	Peak	horizontal	
3	336.04	34.59	38.47	-3.88	46.00	-11.41	400	145	Peak	horizontal	
4	447.97	31.91	34.01	-2.10	46.00	-14.09	100	168	Peak	horizontal	
5	670.39	31.05	29.95	1.10	46.00	-14.95	100	218	Peak	horizontal	
6	845.48	34.05	30.08	3.97	46.00	-11.95	200	186	Peak	horizontal	



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	78.99	31.60	41.05	-10.25	40.00	-8.40	100	198	QP	vertical	
2	210.42	23.69	31.74	-8.05	43.50	-19.81	100	293	QP	vertical	
3	444.00	28.75	30.89	-2.14	46.00	-17.25	300	72	QP	vertical	
4	628.10	31.10	30.49	0.61	46.00	-14.90	100	339	QP	vertical	
5	803.38	32.06	28.90	3.16	46.00	-13.94	200	50	QP	vertical	
6	937.73	35.20	30.00	5.20	46.00	-10.80	100	248	QP	vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

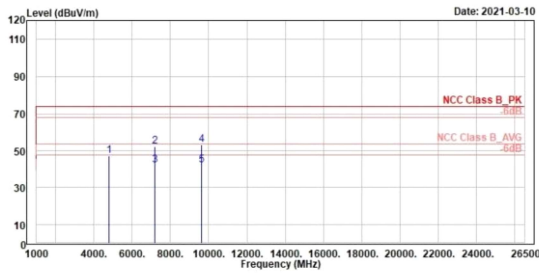
BLE_1M

Low Channel I (Horizontal)

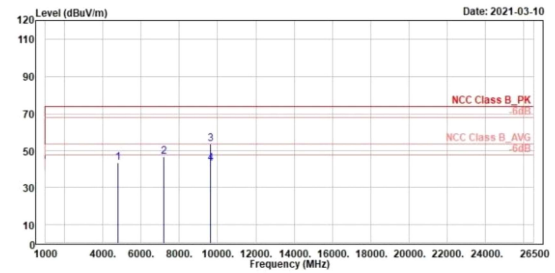
Low Channel I (Vertical)



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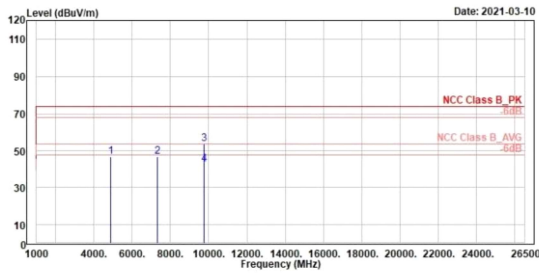


BLE_1M

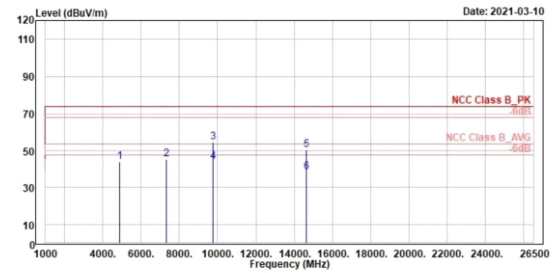
Middle Channel I (Horizontal)



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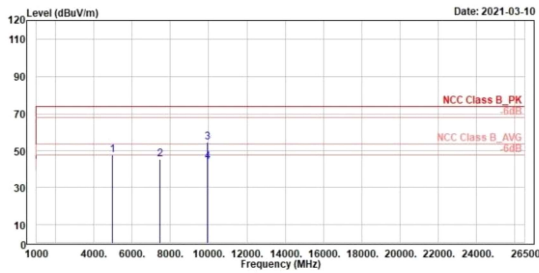
BLE_1M

High Channel I (Horizontal)

High Channel (Vertical)



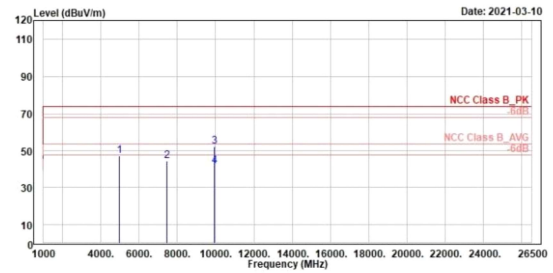
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4960.00	47.82	57.14	-9.32	74.00	-26.18	390	198	Peak	Horizontal	
2	7440.00	45.66	52.37	-6.71	74.00	-28.34	390	209	Peak	Horizontal	
3	9920.00	54.69	58.14	-3.45	74.00	-19.31	106	237	Peak	Horizontal	
4	9920.00	44.12	47.57	-3.45	54.00	-9.88	106	237	Average	Horizontal	



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4960.00	47.37	56.69	-9.32	74.00	-26.63	180	266	Peak	Vertical	
2	7440.00	44.57	51.28	-6.71	74.00	-29.43	180	190	Peak	Vertical	
3	9920.00	52.50	55.95	-3.45	74.00	-21.50	296	0	Peak	Vertical	
4	9920.00	42.15	45.60	-3.45	54.00	-11.85	296	0	Average	Vertical	

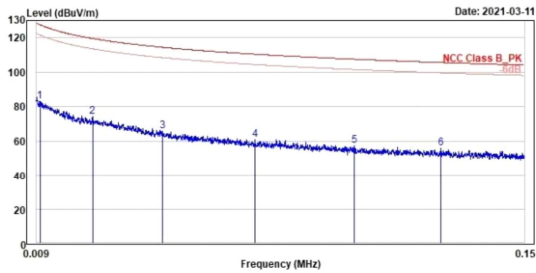
Spurious Emissions, Rx Mode, 9kHz ~ 30MHz

BLE_1M

Middle Channel I (Open) 9kHz~150kHz



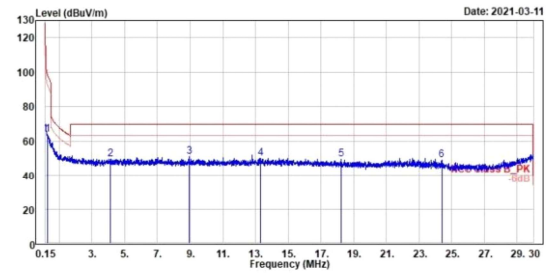
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.01	82.89	4.04	78.85	127.60	-44.71	100	259 QP	Open		
2	0.03	73.94	2.33	71.61	119.57	-45.63	100	201 QP	Open		
3	0.05	65.85	-0.36	66.21	114.46	-48.61	100	50 QP	Open		
4	0.07	60.93	-1.18	62.11	110.43	-49.50	100	12 QP	Open		
5	0.10	57.34	-1.87	59.21	107.52	-50.18	100	126 QP	Open		
6	0.13	55.68	-2.08	57.76	105.60	-49.92	100	244 QP	Open		



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.28	63.88	12.68	51.20	98.80	-34.92	100	8 QP	Open		
2	4.14	49.63	11.28	38.35	69.50	-19.87	100	197 QP	Open		
3	8.95	50.94	13.12	37.82	69.50	-18.56	100	10 QP	Open		
4	13.29	49.96	12.47	37.49	69.50	-19.54	100	143 QP	Open		
5	18.25	49.27	12.50	36.77	69.50	-20.23	100	79 QP	Open		
6	24.39	48.75	14.19	34.56	69.50	-20.75	100	164 QP	Open		

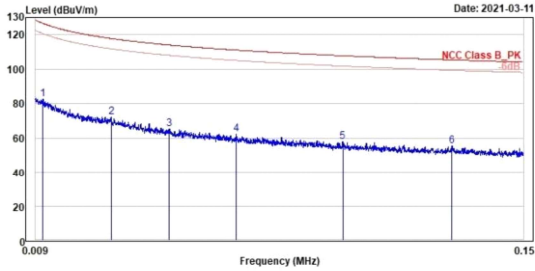
BLE_1M

Middle Channel I (Close) 9kHz~150kHz

Middle Channel (Close) 150kHz~30MHz



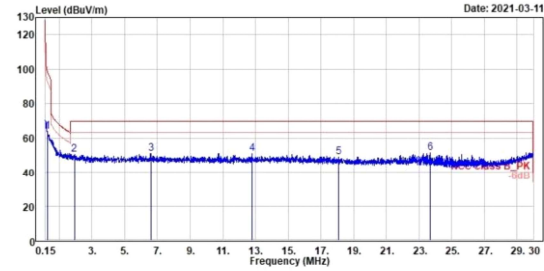
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	82.45	4.37	78.08	126.60	-44.15	100	128 QP	Close	
2	0.03	72.21	1.75	70.46	117.79	-45.58	100	18 QP	Close	
3	0.05	65.43	-0.20	65.63	114.03	-48.60	100	237 QP	Close	
4	0.07	62.39	-0.35	62.74	111.08	-48.69	100	44 QP	Close	
5	0.10	57.93	-1.60	59.53	107.79	-49.86	100	267 QP	Close	
6	0.13	55.48	-2.00	57.56	105.36	-49.88	100	357 QP	Close	



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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.27	63.88	12.50	51.38	98.99	-35.11	100	32 QP	Close	
2	1.92	50.24	11.42	38.82	69.50	-19.26	100	344 QP	Close	
3	6.59	50.89	12.51	38.38	69.50	-18.61	100	181 QP	Close	
4	12.80	51.15	13.74	37.41	69.50	-18.35	100	229 QP	Close	
5	18.10	48.86	12.03	36.83	69.50	-20.64	100	154 QP	Close	
6	23.67	51.28	16.14	35.14	69.50	-18.22	100	287 QP	Close	

Spurious Emissions, Rx Mode, 30MHz ~ 1GHz

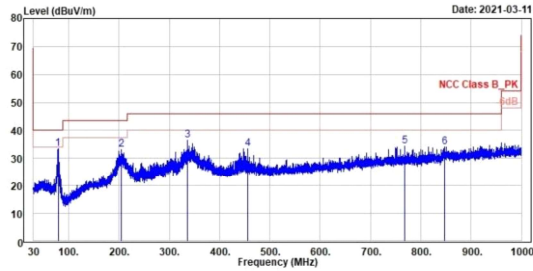
BLE_1M

Middle Channel (Horizontal)

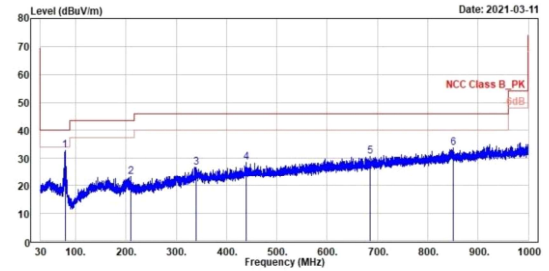
Middle Channel (Vertical)



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Spurious Emissions, Rx Mode, 1GHz ~ 26.5GHz

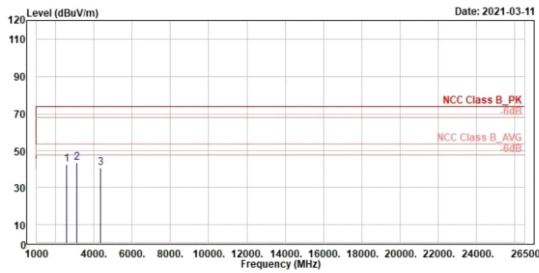
BLE_1M

Middle Channel (Horizontal)

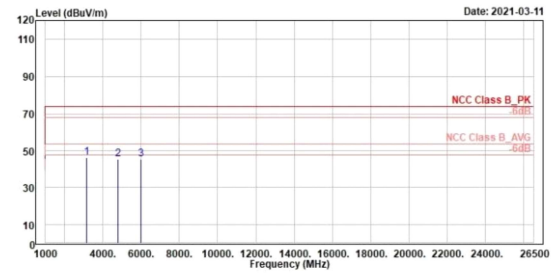
Middle Channel (Vertical)



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Mains Conducted Emission, 150kHz ~ 30MHz

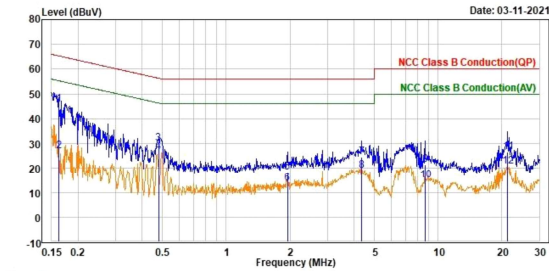
Worst Band

(Line)

(Neutral)



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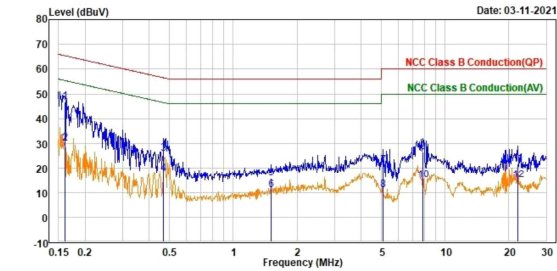


Trace: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	PoI/Phase	Note
	MHz	dBuV	dB	dBuV	dBuV	dB			
1	0.162	35.58	10.11	45.69	65.38	-19.69	QP	line1	
2	0.162	16.94	10.11	27.05	55.38	-28.33	Average	line1	
3	0.479	19.88	10.12	30.00	56.35	-26.35	QP	line1	
4	0.479	16.60	10.12	26.72	46.35	-19.63	Average	line1	
5	1.944	8.32	10.17	18.49	56.00	-37.51	QP	line1	
6	1.944	3.27	10.17	13.44	46.00	-32.56	Average	line1	
7	4.337	14.32	10.23	24.55	56.00	-31.45	QP	line1	
8	4.337	8.76	10.23	18.99	46.00	-27.01	Average	line1	
9	8.672	11.26	10.32	21.58	60.00	-38.42	QP	line1	
10	8.672	4.63	10.32	14.95	50.00	-35.05	Average	line1	
11	21.270	16.22	10.56	26.78	60.00	-33.22	QP	line1	
12	21.270	10.20	10.56	20.76	50.00	-29.24	Average	line1	



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Trace: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	PoI/Phase	Note
	MHz	dBuV	dB	dBuV	dBuV	dB			
1	0.161	36.61	10.11	46.72	65.42	-18.70	QP	neutral	
2	0.161	19.99	10.11	30.10	55.42	-25.32	Average	neutral	
3	0.470	15.90	10.11	26.01	56.52	-30.51	QP	neutral	
4	0.470	7.61	10.11	17.72	46.52	-28.80	Average	neutral	
5	1.515	5.50	10.16	15.66	56.00	-40.34	QP	neutral	
6	1.515	0.61	10.16	10.77	46.00	-35.23	Average	neutral	
7	5.087	10.74	10.24	20.98	60.00	-39.02	QP	neutral	
8	5.087	0.56	10.24	10.80	50.00	-39.20	Average	neutral	
9	7.849	16.29	10.31	26.60	60.00	-33.40	QP	neutral	
10	7.849	4.61	10.31	14.92	50.00	-35.08	Average	neutral	
11	22.025	11.33	10.59	21.92	60.00	-38.08	QP	neutral	
12	22.025	4.45	10.59	15.04	50.00	-34.96	Average	neutral	